

SOLICITATION FOR LEXINGTON COUNTY D. E. CLARK ROAD IMPROVEMENTS

**BID NUMBER
B15012-09/24/14S**

COUNTY COUNCIL MEMBERS:

Johnny W. Jeffcoat (Chair)
M. Todd Cullum (Vice Chair)
William B. "Bill" Banning, Sr.
M. Kenneth Collins
James E. "Jim" Kinard
Debra B. "Debbie" Summers
Frank J. Townsend, III
Bobby C. Keisler
Brad Matthews

Joe G. Mergo, III, County Administrator

Wrenn Barrett, P.E., Director of Public Works

DESIGN ENGINEERS

MEAD & HUNT, INC.

for

Lexington County Department of Public Works- Engineering Division
440 Ball Park Road
Lexington, SC 29072-2240
Phone 803-785-8201
Fax 803-785-8593

BID DOCUMENT

AUGUST 29, 2014

SET NO. _____

TABLE of CONTENTS

	Page No.
Invitation to Bid	3-4
No Bid Response Form	5
Bond Requirements	6
Instructions to Bidders	7-8
General Provisions	9-11
General Conditions	12-20
Bidder's Schedule	20-21
Bid Form	22-23
Bidder's Checklist.....	24
Certificate of Familiarity	25
Listing of Subcontractors	26
Disadvantaged Business Enterprises Committal Sheet	27
Request for Written Response to Questions Form	28
Special Provisions	29-49
Project Closeout Documents	50-54

COUNTY OF LEXINGTON
Procurement Services, 212 South Lake Drive, Suite 503, Lexington, SC 29072
Ph: (803) 785-8319 / Fax: (803) 785-2240

INVITATION FOR BIDS

BID NUMBER: **B15012-09/24/14S**

DATE: **AUGUST 29, 2014**

OPENING DATE AND TIME: **September 24, 2014 @ 3:00 PM E.S.T.**

OPENING LOCATION: Lexington County Administration Building
5th Floor Procurement Conference Room
212 South Lake Drive, Suite 503, Lexington SC

MAILING ADDRESS: Lexington County Procurement Office
County Administration Bldg., 5th floor
212 South Lake Drive, Suite 503, Lexington SC 29072

PROCUREMENT FOR: **D. E. Clark Road Improvements**

Subject to the conditions, provisions and the enclosed specifications, sealed bids will be received at this office until the stated date and time and then publicly opened. Any bid received after the scheduled deadline, will be immediately disqualified. The County assumes no responsibility for delivery of bids which are mailed. No faxed bids will be permitted.

IT IS REQUIRED THAT THE BID NUMBERS MUST BE SHOWN ON THE OUTSIDE OF ENVELOPE. ANY ENVELOPE THAT DOES NOT SHOW BID NUMBERS WILL BE RETURNED TO THE VENDOR

DIRECT ALL INQUIRES TO: _____
Angela M. Seymour
Procurement Officer

NOTICE TO BIDDERS: There will be a Mandatory Pre-Bid Conference on September 10, 2014 @ 11:00 AM at 415 Ball Park Road, Lexington, SC 29072. The Mandatory Pre-Bid Conference will start promptly at 11:00 AM and any persons arriving late will be deemed non-responsible. Due to the importance of all bidders having a clear understanding of the scope and requirements for this contract, *attendance at this meeting will be a prerequisite for bidding on this contract.* Attendance at the conference will be evidenced by the representative's signature on the attendance roster. All changes to the bid documents will be addressed through an addendum. Each bidder shall fully acquaint himself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this bid. The failure or omission of a bidder to acquaint himself with existing conditions shall in no way relieve him of any obligation with respect to this bid or to the contract. All amendments to and interpretations of this solicitation shall be in writing and issued by the Procurement Manager of the County. Lexington County shall not be legally bound by any amendment or interpretation that is not in writing. **BIDS WILL NOT BE CONSIDERED FROM ANY VENDOR THAT OWES DELINQUENT BUSINESS PROPERTY TAXES TO THE COUNTY OF LEXINGTON.**

*Copies of bid documents may be obtained from the offices of **Mead & Hunt, 307 West Main Street, Lexington, SC, (803) 996-2900** for a non-refundable charge of **\$60.00** for a bid package with a reduced (11"x17") size set of plans and **\$120.00** for a bid package with full size set of plan. Only checks and money orders are accepted for the purchase of plan sets. Mailing of bid documents requires an additional \$10.00 per set. **Material must be paid for prior to mailing.** Make all requests to: **Chris Baker**. Upon award, the Owner will provide the successful Bidder with three (3) sets of plans and specifications at no cost. Additional copies, or portions thereof, may be charged at established printing costs.*

Bidders must submit security in the form of a certified check, or bid bond in the amount of five percent (5%) of the total bid; made payable to Lexington County Treasurer's Office. The successful Bidder will be required to furnish satisfactory Payment and Performance Bonds for the full amount of the Contract. Bids shall be executed on bid forms provided with the bidding documents in accordance with the Instructions to Bidders.

If special accommodations are needed to participate in the pre-bid meeting, contact the Lexington County Public Works at (803) 785-8201 or publicworks@lex-co.com at least 48 hours prior to the scheduled meeting date.

If you have obtained this solicitation by download from the internet; it is the responsibility of the bidder to email aseymour@lex-co.com to be registered as a potential bidder to receive any subsequent amendments. Deadline for questions is September 12, 2014 at 5:00 p.m. All questions must be submitted in writing.

Jeffrey A. Hyde
Procurement Manager

SOLICITATION #: B15012-09/24/14S

PROCUREMENT: D. E. Clark Road Improvements

"NO BID" RESPONSE FORM

To submit a "No Bid" response for this project, this form must be completed for your company to remain on our bidders list for commodities/services referenced. If you do not respond your name may be removed from this bidders list. **In order to ensure that the County file has current information, or if you wish to be added to this solicitations bidder listing, you must also return the Certificate of Familiarity form completed in its entirety.**

Note: Please show the solicitation number on the outside of the envelope.

Please check statement(s) applicable to your "No Bid" response --

- ☐ Specifications are restrictive; i.e. geared toward one brand or manufacturer only (explain below).
- ☐ Specifications are ambiguous (explain below).
- ☐ We are unable to meet specifications.
- ☐ Insufficient time to respond to the solicitation.
- ☐ Our schedule would not permit us to perform.
- ☐ We are unable to meet bond requirements.
- ☐ We are unable to meet insurance requirements.
- ☐ We do not offer this product or service.
- ☐ Remove us from your vendor list for this commodity/service.
- ☐ Other (specify below).

Comments:

Company Name (as registered with the IRS)

Authorized Signature

Correspondence Address

Printed Name

City, State, Zip

Title

E-mail Address (Please Print)

Date

Telephone

Fax

BOND REQUIREMENTS

1. **BID BOND:** Each offeror shall submit with his Bid a Bid Bond with a good and sufficient surety or sureties company licensed in South Carolina, in the amount of five percent (5%) of the total Bid amount. The Bid bond penalty may be expressed in terms of a percentage of the Bid price or may be expressed in dollars and cents.

CERTIFIED CHECKS: If a certified check is submitted in lieu of a Bid bond, it will be made payable to the Lexington County Treasurer's Office, in the amount of 5% of the total Bid amount.

Bid Bonds/Certified Checks will be returned to the unsuccessful offerors after award and will be returned to the successful offeror after acceptance of the final contract by the offeror.

2. **PERFORMANCE AND PAYMENT SURETY:** The successful contractor shall pay the cost and furnish within ten days after written notice of acceptance of Bid, an irrevocable Surety in the form of a Performance and Payment Bond, Certificate of Deposit, Cashier's Check or irrevocable letter of credit. The Surety shall be issued in the amount of 100% of the total contract covering the entire term of the contract as awarded.

OPTION 1: PERFORMANCE BOND: Bond must be issued by a Surety Company licensed to do business in South Carolina, with an "A" minimum rating of performance as stated in the most current publication of "Best's Key Rating Guide, Property Liability" which shall show a financial strength rating of at least five (5) times the contract price. Each bond shall be accompanied by a Power of Attorney, authorizing the attorney-in-fact to bind the surety and certified to include the date of the bond.

OPTION 2: A CERTIFIED CHECK: Equal to 100% of the contract amount to be retained by Lexington County until satisfactory completion of the contract.

OPTION 3: IRREVOCABLE LETTER OF CREDIT: Shall be issued by a Financial Institution insured by the FDIC or FSLIC in the amount of 100% of contract amount.

FAILURE TO SUBMIT A PROPER AND CORRECT BID GUARANTEE WILL RESULT IN THE REJECTION OF YOUR BID.

INSTRUCTIONS TO BIDDERS

1. Only one copy of bid invitation is required, unless otherwise stated.
2. Bids, amendments or withdrawal request must be received by the time advertised for bid openings to be timely filed. It is the vendor's sole responsibility to insure that these documents are received by the Procurement Office at the time indicated in the bid document.
3. Bidders name shall be on any specification or descriptive papers submitted with the bid invitation.
4. Submit your signed bid on the forms provided. Show bid number on envelope as instructed. Lexington County assumes no responsibility for unmarked or improperly marked envelopes. Unsigned bids will be rejected.
5. Bidders must clearly mark as "Confidential" each part of their bid which they consider to be proprietary information that could be exempt from disclosure under Section 30-4-4C Code of Laws of South Carolina, 1976, (1986 Cum Supp) Freedom of Information Act. The County reserves the right to determine whether this information should be exempt from disclosure and no legal action may be brought against the County or its agents for its determination in this regard.
6. By submission of a bid, you are guaranteeing that all goods and services meet the requirements of the solicitation during the contract period.
7. This solicitation does not commit the County of Lexington to award a contract, to pay any cost incurred in the preparation of the bid, or to procure or contract for goods or services listed herein.
8. **CORRECTION OF ERRORS ON THE BID FORM:** All prices and notations shall be printed in ink or typewritten. Errors should be crossed out, corrections entered and initialed by the person signing the bid. Erasures or use of typewriter correction fluid may be cause for rejection. No bid shall be altered or amended after specified time for opening.
9. **BIDDERS SCHEDULE:** Enter the manufacturer, brand, and model/catalog number, as applicable, and your bid price in the space provided on the bidder's schedule. Additional pages may be attached, when applicable, for alternates, etc.
10. **NOTIFICATION:** Intent to Award and/or Statement of Award will be posted on the Lexington County web site at www.lex-co.com.
11. **RIGHT TO PROTEST:** Any prospective bidder, offeror, or contractor, who is aggrieved in connection with the solicitation of a contract shall protest in writing to the Procurement Manager within ten (10) calendar days of the date of issuance of the Invitation to Bid, Requests for Proposals or other solicitation documents, whichever is applicable, or any amendment thereto, if the amendment is at issue. Any actual bidder, offeror, or contractor, who is aggrieved in connection with the intended award or award of a contract, shall protest in writing to the procurement manager within ten (10) calendar days of the notification of intent to award or statement of award.
12. **PROTEST PROCEDURE:** A protest shall be in writing, submitted to the procurement manager, and shall set forth the specific grounds of the protest with enough particularity to give notice of the issues to be decided.
13. **QUESTIONS REGARDING SPECIFICATIONS AND/OR THE BIDDING PROCESS:** To ensure fair consideration for all bidders, the County prohibits any type of communications to or with any department, employee, or County official during the solicitation process, except as provided on the "Invitation For

Bids” of the solicitation. This includes any communications initiated by a bidder to any County Official or employee evaluating or considering the bidder, prior to the time an award decision has been made public.

- A. Communications between the bidder and the County shall be initiated by the Procurement Office or the appropriate County representative in order to obtain necessary information or clarification needed to develop a proper and accurate evaluation of the bid. Any communications initiated by a bidder concerning the submitted bid shall be grounds for disqualifying the offending bidder from consideration for award of the bid and/or any future solicitations.
- B. It will be the sole responsibility of the bidder to contact the Procurement Office prior to submitting a bid to ascertain if any amendments or addendums have been issued in order to obtain all such documentation, and to return the executed documentation with their bid.
- C. Any question concerning this document, the specifications, or the bid process must be made in writing. These questions will be addressed at the Pre-Bid meeting or in a document after the Pre-Bid meeting. Verbal communication concerning the above items should be avoided.

GENERAL PROVISIONS

1. The County of Lexington reserves the right to reject any and all bids, to cancel a solicitation, and to waive any technicality if deemed to be in the best interest of the County.
2. Unit prices will govern over extended prices unless otherwise stated in this bid invitation.
3. **PROHIBITION OF GRATUITIES:** Amended section 8-13-700 and 705 of the 1976 Code of Laws of South Carolina states: "Whoever gives or offers to any public official or public employee any compensation including a promise of future employment to influence his action, vote, opinion or judgment as a public official or public employee or such public official solicits or accepts such compensation to influence his action, vote, opinion or judgment shall be subject to the punishment as provided by Section 16-9- 210 and Section 16-9-220."
4. **BIDDERS QUALIFICATIONS:** Consideration will be given only to the contractors who can produce conclusive evidence that they can meet the following requirements:
 - A. Adequate capital and credit rating sufficient to complete all operations under this contract in a satisfactory manner.
 - B. An efficient office force with satisfactory record in expediting delivery of materials to field force, and capable of fulfilling proper liaison service with mechanical trade.
 - C. An adequate and efficient field force with extensive knowledge of all types of work involved under this contract.
 - D. A record of amicable relations with labor.
 - E. An adequate supply of applicable equipment in good operating condition to fulfill the contract.
5. **LICENSES, PERMITS, INSURANCE, & TAXES:** All costs for required licenses, permits, insurances and taxes shall be borne by the Contractor.
6. **INSURANCE:**
 - A. The amount and types of insurance required should be reasonably commensurate with the hazards and magnitude of the undertaking, but in no event of lesser amount nor more restrictive than the limits of liability and schedule of hazards below described. Without limiting its liability under the contract agreement, the Contractor shall procure and maintain, at its expense during the life of this contract, insurance of the types in the minimum amounts stated below:

SCHEDULE

WORKERS COMPENSATION

As required by the State of South Carolina.

COMPREHENSIVE GENERAL LIABILITY

Premises Operations

Contractual Liability

Independent Contractors

Personal Injury

Products - Completed Operations

AUTOMOBILE LIABILITY

All Owned, Non-Owned, and Hired

LIMIT

Statutory

\$1,000,000 Single Limit

\$ 100,000 Combined

- B. The Contractor's comprehensive general liability policy shall also include blanket contractual liability coverage or shall be endorsed to cover the liability assumed by the Contractor. Said insurance shall be written by a company or companies approved to do business in the State of South Carolina and acceptable to the County. Before commencing any work hereunder, certificates evidencing the maintenance of said insurance shall be furnished to the County of Lexington. The County of Lexington, its officials, employees and volunteers are to be covered as

insured's as respects: liability arising out of activities performed by or on behalf of the Contractor, including the insured's general supervision of the contract; products and completed operations of the Contractor; premises owned, occupied or used by the Contractor; or automobiles owned, leased, hired or borrowed by the Contractor. The coverage shall contain no special limitations on the scope of protection afforded to the County of Lexington, its officials, employees or volunteers. To accomplish this objective, the County of Lexington shall be named as an additional insured under the Contractor's insurance as outlined above.

- C. The Contractor shall take out and maintain, during the life of this contract, the statutory Workmen's Compensation and Employer's Liability Insurance for all of his employees to be engaged in work on the project under this contract, and in case any such work is sublet, the Contractor shall require the subcontractor similarly to provide Workmen's Compensation and Employer's Liability Insurance for all of the latter's employees to be engaged in such work.
- D. Contractors insurance coverage shall be primary insurance as respects the County of Lexington, its officials, employees and volunteers. Any insurance or self-insurance maintained by the County of Lexington shall be in excess of the Contractor's insurance and shall not be required to contribute. To accomplish this objective, the following wording should be incorporated in the previously referenced additional insured endorsement:

Other Insurance: This insurance is primary, and our obligations are not affected by any other insurance carried by the additional insured whether primary, excess, contingent or on another basis.

- E. Each insurance required by the County of Lexington shall be endorsed to state that coverage shall not be suspended, voided, canceled by either party, reduced in coverage or in limits except after thirty (30) days prior written notice by certified mail, return receipt requested, has been given to the County of Lexington.
 - F. Contractor shall include all subcontractors as insured under its policies or shall furnish separate certificates and endorsements for each subcontractor. All coverage for subcontractors shall be subject to all the requirements stated herein.
 - G. All certificates and endorsements must be received and approved by the County of Lexington within ten (10) days after notification of award.
 - H. The County, its officers and employees shall be named as an "additional insured" in the Automobile and General Liability policies and it shall be stated on the Insurance Certificate with the provision that this coverage "is primary to all other coverage the County may possess".
 - I. Lexington County reserves the right to review and approve contracted vendor's insurance carrier.
7. **BIDDERS RESPONSIBILITY:** Each bidder shall fully acquaint himself with conditions relating to the scope and restrictions attending the execution of the work under the conditions of this bid. It is expected that this will sometimes require on-site observation. The failure or omission of a bidder to acquaint himself with existing conditions shall in no way relieve him of any obligation with respect to this bid or to the contract.
8. **AWARD CRITERIA:** The contract shall be awarded to the lowest responsible and responsive bidder(s) whose bid meets the requirements and criteria set forth in the Invitation for Bid. The award can be made to one or a multiple of contractors; whichever is in the best interest of the County, or unless otherwise stated on bidder's schedule.

All things considered equal, tied bids will be resolved by the flip of the coin, or to the contractor whose office is located within Lexington County, whichever the case may be.

9. **WAIVER:** The County reserves the right to waive any Instruction to Bidders, General or Special Provisions, General or Special Conditions, or specifications deviation if deemed to be in the best interest of the County.
10. **COMPETITION:** This solicitation is intended to promote competition. If any language, specifications, terms and conditions, or any combination thereof restricts or limits the requirements in this solicitation to a single source, it shall be the responsibility of the interested Contractor to notify the Procurement Services Office in writing no less than five (5) days prior to the opening date. The solicitation may or may not be changed but a review of such notification will be made prior to the award.
11. **REJECTION:** Lexington County reserves the right to reject any bid that contains prices for individual items or services that are inconsistent or unrealistic when compared to other prices in the same or other bids or ambiguous bids which are uncertain as to terms, delivery, quantity, or compliance with specifications may be rejected or otherwise disregarded if such action is in the best interest of the County.
12. **WORK HOURS:**
 - 12.1 The normal working hours per day will be limited from 8:00 AM E.S.T to 5:00 PM E.S.T Monday through Friday provided sufficient daylight is available.
 - 12.2 The Contractor shall not perform work on Saturday, Sunday or Holidays.
 - 12.3 The following days are recognized as holidays by the owner:
 - New Years Day
 - Martin Luther King Day
 - Presidents Day
 - Confederate Memorial Day
 - Memorial Day
 - Independence Day
 - Labor Day
 - Veterans Day
 - Day after Thanksgiving
 - Thanksgiving Day
 - Christmas Eve
 - Christmas Day
 - Day after Christmas
 - 12.4 When such recognized holidays fall on a Saturday or Sunday, the Owner may at its discretion, declare the preceding Friday or following Monday as a holiday. In the event that the Governor of the State/Board of County Commissioners shall declare any day or days preceding or following a holiday as a holiday, the Owner may, at its discretion, also declare such day or days as holidays.

GENERAL CONDITIONS

1. **DEFAULT:** In case of default by the Contractor, the County reserves the right to purchase any or all items in default in the open market, charging the Contractor with any excessive costs. Should such charge be assessed, no subsequent bids will be considered or purchase orders issued to the defaulting Contractor until the assessed charge has been satisfied.
2. **NON-APPROPRIATION:** Any contract entered into by the County resulting from this bid invitation shall be subject to cancellation without damages or further obligation when funds are not appropriated or otherwise made available to support continuation of performance in a subsequent fiscal period or appropriated year.
3. **INDEMNIFICATION:** The Contractor agrees to indemnify and hold harmless the County of Lexington and all County officers, agents and employees from claims, suits, actions, damages and costs of every name and description, arising out of or resulting from the use of any materials furnished by the Contractor, provided that such liability is not attributable to negligence on the part of the County or failure of the County to use the materials in the manner outlined by the Contractor in descriptive literature or specifications submitted with the Contractor's bid.
4. **CONTRACT ADMINISTRATION:** Questions or problems arising after award of this contract shall be directed to the Procurement Officer. Copies of all correspondence concerning this contract shall be sent to the Procurement Manager, 212 South Lake Drive, Suite 503, Lexington, SC 29072. All change orders must be authorized in writing by the Procurement Manager. Lexington County shall not be bound to any change in the original contract unless approved in writing by the Procurement Manager.
5. **PUBLICITY RELEASES:** Contractor agrees not to refer to the award of this contract in commercial advertising in such a manner as to state or imply that the products or services provided are endorsed or preferred by the User. The Contractor shall not have the right to include the County's name in its published list of customers without prior approval of the County. With regard to news releases, only the name of the County, type and duration of contract may be used and then only with prior approval of the County. The Contractor also agrees not to publish, or cite in any form, any comments or quotes from the County staff unless it is a direct quote from the Public Information Officer.
6. **QUALITY OF PRODUCT:** Unless otherwise indicated in this bid it is understood and agreed that any items offered or shipped on this bid shall be new and in first class condition unless otherwise indicated herein.
7. **S.C. LAW CLAUSE:** Upon award of a contract under this bid, the person, partnership, association or corporation to whom the award is made must comply with the laws of South Carolina which require such person or entity to be authorized and/or licensed to do business with this State. Notwithstanding the fact that applicable statutes may exempt or exclude the successful bidder from requirements that it be authorized and/or licensed to do business in this State, by submission of this signed bid, the bidder agrees to subject himself to the jurisdiction and process of the courts of the State of South Carolina as to all matters and disputes arising or to arise under the contract and the performance thereof, including any questions as to the liability for taxes, licenses, or fees levied by the State.
8. **ASSIGNMENT:** No contract or its provisions may be assigned, sublet, or transferred without the written consent of the Procurement Manager.
9. **AFFIRMATIVE ACTION:** The successful bidder will take affirmative action in complying with all Federal and State requirements concerning fair employment and treatment of all employees, without regard or discrimination by reason of race, color, religion, sex, national origin or physical handicap. The Contractor agrees that it will not discriminate in hiring, promotion, treatment, or other terms and conditions of employment based upon race, sex, national origin, age, disability, or in any way violation of

Title VII of 1964 Civil Rights Act and amendments or the South Carolina Human Affairs Law, except as permitted by said laws.

10. **BIDDING CONDITION OF PRICE:** All bid prices submitted shall remain effective for a minimum period of 90 days, or until evaluation of bids is complete and award is made. Thereafter, the contract prices shall remain effective for the term of the contract.
11. **7% S.C. SALES TAX:** The County shall add 7% sales tax to all orders; however lump sum bids shall include sales tax in bid price unless otherwise noted. ***By submission of a signed bid, you are certifying, under penalties of perjury, that you comply with Title 12, Chapter 36, Article 1 of the SC Code of Laws relating to payment of any applicable taxes. This will certify to the County your compliance.***
 - A. Forms to register for all taxes administered by the South Carolina Department of Revenue may be obtained by calling the License and Registration Section at (803) 898-5872 or by writing to the South Carolina Department of Revenue, Registration Unit, Columbia, South Carolina 29214-0140.
12. **PAYMENT TERMS:** Payment will be made within thirty (30) days after acceptance of completed order/project. Early payment discount, if available, will be calculated from date of acceptance. Application for payment shall reflect services completed through the last day of the month. **There will be no exceptions to these payment terms unless approval is obtained in writing from the Procurement Manager prior to bid opening date.** All invoices and correspondence shall be sent to: Procurement Services, County of Lexington, 212 South Lake Drive, Lexington, SC 29072-3493
13. **BID REQUIREMENTS:** Bid requirements on the equipment specified are not intended to be restrictive to potential bidders, but indicate the required features for satisfactory performance. Lexington County will determine if minor deviations from these features are acceptable.
14. **DEVIATIONS FROM SPECIFICATIONS:** Any deviation from specifications indicated herein must be clearly pointed out; otherwise, it will be considered that items offered are in strict compliance with these specifications, and successful bidder will be held responsible therefore. Deviations must be explained in detail on separate attached sheet(s). The listing of deviations, if any, is required but will not be construed as waiving any requirements of the specifications. Deviations found in the evaluation of the bid and not listed may be cause for rejection. Bidders offering substitute or equal items must provide information sufficient enough to determine acceptability of item offered.
15. **CONTRACT:** This bid and submitted documents, when properly accepted by Lexington County along with a written purchase order, shall constitute a contract equally binding between the successful offeror, and Lexington County. No different or additional terms will become a part of this contract with the exception of a Change Order.
16. **CHANGE ORDERS:** No oral statement of any person shall modify or otherwise change, or affect the terms, conditions or specifications stated in the resulting contract. All change orders to the contract will be made in writing by the Procurement Manager.
17. **AMENDMENTS:** All amendments to and interpretations of this solicitation shall be in writing and issued by the Procurement Manager of Lexington County. Lexington County shall not be legally bound by any amendment or interpretation that is not in writing.
18. **BID EVALUATION:** Bids received will be evaluated by the Procurement Manager or designee. However, based on bid total, final decision for bid award may rest with the Lexington County Council.

Factors to be considered during the evaluation process include, but are not limited to:

- A. Cost
- B. Reputation and dependability of the Contractor

19. **ARBITRATION:** Under no circumstances and with no exception will Lexington County act as arbitrator between the contractors.
20. **DELIVERY:** Lexington County requires that delivery be made to specified destination within the shortest time frame possible. Delivery shall arrive between the hours of 8:00 a.m. and 4:30 p.m., Monday through Friday, provided that such day is not a legal holiday. The current purchase order number must be indicated on all delivery tickets.
21. **SHIPPING:** All deliveries shall be shipped F.O.B. point Destination-freight prepaid, the seller pays and bears all freight charges; collect shipments will not be accepted. It is agreed by the parties hereto that delivery by the Contractor to the common carrier does not constitute delivery to the County. Any claim for loss or damage shall be between the Contractor and the carrier.
22. **"OR APPROVED EQUAL":** Certain processes, types of equipment or kinds of material are described in the specifications and/or on the drawings by means of trade/brand names and catalog numbers. In each instance where this occurs, it is understood and inferred that such description is followed by the words "or approved equal". Such method of description is intended merely as a means of establishing a standard of comparability. However, the Owner reserves the right to select the items, which, in the judgment of the Owner, are best suited to the needs of the Owner, based on price, quality, service, availability and other relative factors. Bidders should indicate brand name, model, model number, size, type, weight, color, etc., of the item bid, if not exactly the same as the item specified. Vendor's stock number or catalog number is not sufficient to meet this requirement. If any bidder desires to furnish an item different from the specifications, vendor should submit along with the bid, the information, data, pictures, designs, cuts, etc., of the material they plan to furnish so as to enable the Owner to compare the material specified; and, such material shall be given due consideration. The Owner reserves the right to insist upon, and receive items as specified if the submitted items do not meet the Owner's standards for acceptance.
23. **ALTERNATE BIDS:** Bidders wishing to submit an alternate for consideration that does not meet the county specifications (or approved deviations), must submit their proposal as an alternate bid.
24. **PROMPT PAYMENT DISCOUNT TERMS:** Prompt payment discount terms will be calculated from the point of complete order acceptance for services and/or commodities ordered.
25. **DRUG-FREE WORKPLACE:** By submittal of this bid, you are certifying that you will comply with Title 44, Code of Laws of South Carolina, 1976, Section 44-107-30.
26. **ILLEGAL IMMIGRATION & PUBLIC CONTRACTS:** In accordance with the South Carolina Illegal Immigration Reform Act, 2008, Act No. 280. Section 3 of this Act added to Chapter 14 to Title 8 of the South Carolina Code of Laws prohibits covered persons from entering into covered contracts unless the Contractor agrees either (a) to verify all new employees through the federal work authorization program [and requires the same from subcontractors and sub-subcontractors] or (b) to employ only qualifying workers. Effectively, the Act also requires contractors to agree to provide any documentation required to establish either (a) that the Act does or does not apply to the Contractor, subcontractor, or sub-subcontractor; or (b) that the Contractor, and any subcontractor or sub-subcontractor, are in compliance with Section 3 of the Act."
27. **NO CONTACT POLICY:** After the date and time established for receipt of proposals by the County, any contact initiated by any offeror with any County representative, other than the Procurement Officer listed herein, concerning this request for proposals is prohibited. Any such unauthorized contact may cause the disqualification of the offeror from this procurement transaction.
28. **ESTIMATED QUANTITIES:**
 - A. The Owner has endeavored to estimate the proposed quantities as accurately as possible using the latest information available for the project. Within fifteen (15) calendar days after the issuance of

the Notice to Proceed, the Contractor shall provide written verification of the quantities. Failure to do so shall imply the Contractor's acceptance of the quantities.

- B. In addition, it will be the Contractor's responsibility to inform the Engineer/Inspector when any item of work (excluding lump sum items) is within 90% of the proposed quantity.
- C. To affect the increase, deletion, and/or substitution, a "no cost" or "cost" change order signed by the Contractor must be submitted to the Procurement Manager by the engineer. No work shall be performed prior to approval of such change order.

29. CONTINGENT ITEMS:

- A. Construction Item(s) identified as being contingent on the "Summary of Quantities" sheets of the plans, in the column headed "Contingent" and/or listed herein are provided in the Contract for use as directed by the Engineer and shall be included as part of the proposal base bid unless otherwise specified. The quantities for these items are established for the purpose of obtaining a bid price and shall be included as part of the proposal base bid unless otherwise specified. The quantities for these contingent items may be increased or decreased without any adjustment to the Contract unit price bid or the contingent items may be deleted entirely from the Contract by the Engineer without negotiation. The Contractor will not be allowed to submit a claim against the Owner for any adjustment to the Contract unit price bid should the contingent items be increased, decreased or eliminated entirely.
- B. Payment for any contingent items used will be made on the basis of the quantities as actually measured. Materials, Construction Requirements, and Basis of Payment shall be as specified in the Specifications, Supplement to the Specifications, Interim Specifications or Addenda, Plans or Special Provisions.

30. ABATEMENT OF WATER POLLUTION BY SEDIMENTATION: The Contractor's attention is specifically directed to the fact that it is of the utmost importance during the life of this contract that control of water pollution due to sedimentation be accomplished as shown on the engineering drawings and/or in accordance with South Carolina D.H.E.C. requirements. The restrictions contained therein shall be strictly enforced and the Contractor is cautioned, therefore, to make every effort possible to comply with these regulations, and shall conduct his operations in such a manner as to keep to an absolute minimum amount of sedimentation introduced in to any stream or watercourse.

31. CONTRACTORS OBLIGATIONS: The Contractor shall and will, in good workmanlike manner, do and perform all work and furnish all supplies and materials, machinery, equipment, facilities and means, except as herein otherwise expressly specified, necessary or proper to perform and complete all the work required by this contract, within the time herein specified, in accordance with the Plans and Plan Drawings covered by this contract and any and all supplemental Plans and Drawings, and in accordance with the directions of the Engineer as given from time to time during the progress of the work. It shall furnish, erect, maintain and remove such construction plant and such temporary works as may be required. The Contractor shall observe, comply with, and be subject to all terms, conditions, requirements, and limitations of the Contract and Specifications, and shall do, carry on, and complete the entire work to the satisfaction of the Engineer and the Owner.

32. SUPERINTENDENCE BY CONTRACTOR: At the site of work, the Contractor shall employ a superintendent or foreman who shall have full authority to act for the Contractor. It is understood that such representative shall be acceptable to the Engineer.

33. ENGINEER AUTHORITY: The Engineer shall give all orders and directions contemplated under this Contract and Specifications relative to the execution of the work. The Engineer shall determine the amount, quality, acceptability, and fitness of the several kinds of work and materials which are to be paid for under the construction thereof. The Engineer's estimates and decisions shall be final and conclusive, except as herein otherwise expressly provided. In case any questions shall arise between the parties hereto relative to said Contract or Specifications, the determination or decision of the Engineer shall be a

condition precedent to the right of the Contractor to receive any money or for work under Contract affected in any manner or to any extent by such question.

The Engineer shall decide the meaning and intent of any portion of the Specifications and any Plan or Drawings where the same may be found obscure or be in dispute. Any differences or conflicts in regard to their work which may arise between the Contractor under this Contract and other contractors performing work for the Owner shall be adjusted and determined by the Engineer.

34. **INSPECTION AND INSPECTOR AUTHORITY:** The authorized representatives and agents of the Owner shall be permitted to inspect all work, materials, payrolls, records of personnel, invoices materials and other relevant data and records.
- A. Inspectors, employed by the Engineer, shall be authorized to inspect all work done and materials furnished. Such inspection may extend to all or part and to the preparation or manufacture of the materials to be used. An inspector or inspectors will be stationed on site and will report to the Engineer as to the progress of the work and the manner in which it is being performed; also to report whenever it appears that the materials furnished and work performed by the Contractor fail to fulfill the requirements of the Specifications and Contract; and to call to the attention of the Contractor any such failure and other default; but no inspection nor any failure to inspect, at any time or place, however, shall relieve the Contractor from any obligation to perform all of the work strictly in accordance with the requirements of the Specifications. In case of dispute arising between the Contractor and any inspector as to the materials furnished or the manner of performing the work, the inspector shall have the authority to reject materials or suspend the work until the question at issue can be referred to and decided by the Engineer.
 - B. The inspectors shall perform such other duties as are assigned to them. They shall not be authorized to revoke, alter, enlarge, or release any requirements of these Specifications, not to approve or accept any portion of work, not to issue instructions contrary to the Plans and Specifications. Inspectors shall in no case act as foremen to perform other duties for the Contractor, nor interfere with the management of the work by the latter. Any instructions which the inspectors may give the Contractor shall in no way be construed as binding the Engineer or the Owner in any way, nor releasing the Contractor from fulfillment of the terms of the Contract.
35. **USE OF PREMISES AND REMOVAL OF DEBRIS:** The Contractor expressly undertakes at its own expense:
- A. To take every precaution against injuries to persons or damage to property.
 - B. To store its apparatus, materials, supplies, and equipment in such orderly fashion at the site of the work as will not unduly interfere with the progress of its work or the work of any other contractors.
 - C. To place upon the work or any part thereof only such loads as are consistent with the safety of that portion of the work. To clean up frequently all refuse, rubbish, scrap materials, and debris caused by its operations, to the end that at all times the site of the work shall present a neat, orderly, and workmanlike appearance.
 - D. Before final payment to remove all surplus material, false work, temporary structures, including foundations thereof, plants of any description and debris of every nature resulting from its operations, and to put the site in a neat, orderly condition.
 - E. To affect all cutting, fitting or patching of its work required to same to conform to the Plans and Specifications and, except with the consent of the Engineer, not to cut or otherwise alter the work of any other contractor.
36. **PUBLIC CONVENIENCE AND SAFETY:** In addition to the requirements of SCDOT Standard Specifications for Highway Construction, add the following provisions:
- A. Dust control by sprinkling or the use of chemicals shall be performed by the Contractor to the satisfaction of the Engineer.

- B. The condition of the work at all times shall be such that sudden storms or prolonged rainfall will not cause such damage to property in the vicinity of the work that could in any way be attributed to the performance of the work.
 - C. If, in the opinion of the Engineer, the public has been inconvenienced to a great extent, or that certain conditions provide a threat to public safety, or that work performed by the Contractor has caused damage to property in the area of the work, which has not been remedied quickly and satisfactorily, the Engineer shall have the authority to order all operations to cease until such time as such conditions are remedied to his satisfaction, and any delay caused thereby shall not be considered just cause for any extension of time in completion of the Contract. Upon refusal of the Contractor to promptly comply with this requirement, the Engineer/Owner shall have the right to perform such work as may be required, at the expense of the Contractor.
 - D. In the event of temporary suspension of work, or during inclement weather, or whenever the Engineer shall direct, the Contractor will, and will cause its subcontractors to protect carefully its and their work and materials against damage or injury from the weather. If, in the opinion of the Engineer, any work or materials shall have been damaged or injured by reason of failure on the part of the Contractor or any of its subcontractors to so protect its work, such materials shall be removed and replaced at the expense of the Contractor.
37. **SUSPENSION OF WORK:** Should the Owner be prevented or enjoined from proceeding with work or from authorizing its prosecution either before or after its prosecution, by reason of any litigation, the Contractor shall not be entitled to make or assert claim for damage by reason of said delay, but time for completion of the work will be extended to such reasonable time as the Owner may determine will compensate for time lost by such delay with such determination to be set forth in writing.
38. **CORRECTION OF WORK:** All work, all materials, whether incorporated in the work or not, all processes of manufacture, and all methods of construction shall be at all times and places subject to the inspection of the Engineer, who shall be the final judge of the quality and suitability of the work, materials, processes of manufacture, and methods of construction for the purposes for which they are used.

Any defective work, whether the result of poor workmanship, use of defective materials, damage through carelessness or any other cause, found to exist shall be removed and replaced by work and materials which shall conform to the Specifications or shall be remedied otherwise in an acceptable manner authorized by the Engineer.

Upon failure on the part of the Contractor to comply promptly with any order of the Engineer, made under the provisions of these General Provisions, the Engineer shall have authority to cause defective work to be remedied or removed and replaced and unauthorized work to be removed and to deduct the costs from any monies due or to become due the Contractor under this Contract.

39. **PAYMENT TO CONTRACTOR:** The Owner shall make a Progress Payment to the Contractor on the basis of a duly certified and approved estimate of the work performed during the preceding calendar month under the Contract. To insure proper performance of the Contract, the Owner shall retain ten percent (10%) of the amount of each estimate until final completion and acceptance of all work covered by the Contract.

The Contractor shall submit a pencil copy of a weekly estimate to the County Inspector (on-site) for review and approval. The hard copies shall be submitted to the Project Manager, Lexington County Engineering Department, along with all necessary attachments supporting his claim.

The Owner reserves the right to withhold all or any part thereof of monies due, if in the opinion of the Owner, the completed work is found not to be in conformance with the Plans and Specifications, defective and/or damaged by negligence by the Contractor and/or his employees. This above shall also apply to previously approved work by the Inspector which may require correction/replacement or become

defective due to negligence and/or workmanship by the Contractor. This shall also include unsatisfactory prosecution of the work, failure to furnish required submittals, and/or unapproved testing procedures.

In preparing estimates, the material delivered on the site and preparatory work done may be taken into consideration.

All material and work covered by partial payments made shall thereupon become the sole property of the Owner, but this provision shall not be construed as relieving the Contractor from the sole responsibility for the care and protection of materials and work upon which payments have been made or the restoration of any damaged work, or as a waiver of the right of the Owner to require fulfillment of all the terms of the Contract.

The Contractor agrees that it will indemnify and hold the Owner harmless from all claims growing out of the lawful demands of subcontractors, laborers, workmen, mechanics, material men, and furnishers of machinery and parts thereof, equipment, power tools, and all supplies, including commissary, incurred in the furtherance of the performance of this Contract. The Contractor shall, at the Owner's request, furnish satisfactory evidence that all obligations of the nature hereinabove designated have to be paid, discharged, or waived. If the Contractor fails to do so, then the Owner may, after having served written notice, direct, or withhold from the Contractor's unpaid compensation a sum of money deemed reasonably sufficient to pay any and all such lawful claims until satisfactory evidence is furnished that all liabilities have been fully discharged whereupon payment to the Contractor shall be resumed, in accordance with the terms of this Contract, but in no event shall the provisions of this sentence be constructed to impose any obligations upon the Owner to either the Contractor or its Surety. In paying any unpaid bills of the Contractor, the Owner shall be deemed the agent of the Contract, and any payment so made by the Owner, shall be considered as a payment made under the Contract by the Owner to the Contractor, and the Owner shall not be liable to the Contractor for any such payment made in good faith.

40. **TERMINATION:** Subject to the provisions below, the contract may be terminated for any reason by the County providing a 30 day advance notice in writing is given to the contractor.

- A. Termination for Cause: Termination by the County for cause, default or negligence on the part of the contractor shall be excluded from the foregoing provisions, termination costs, if any, shall not apply. The thirty (30) days advance written notice requirement is waived and the default provision in this bid shall apply; see General Conditions.
- B. Termination for Convenience: The County, by written notice, may terminate this contract in whole or in part, when it is in the best interest of the County.
- C. Termination requirement does not apply if contract is to terminate at the end of an established contract term.
- D. Termination for Nonappropriations: If the Lexington County Council fails to appropriate or authorize the expenditure of sufficient funds to provide the continuation of this contract, or if a lawful order issued in or for any fiscal year during the term of the contract reduces the funds appropriated or authorized in such amount as to preclude making the payments set out therein, the contract shall terminate on the date said funds are no longer available without any termination charges or other liability incurring to the County. Any termination for non-appropriations shall not prohibit the County from obtaining services from another source or in another manner, which is in the best interest of the County.

41. **TIME FOR COMPLETION AND LIQUIDATED DAMAGES:** It is hereby understood and mutually agreed, by and between the Contractor and Owner, that the date of beginning and the time for completion as specified in the Contract of work to be done hereunder are **ESSENTIAL CONDITIONS** of this Contract; and it is further mutually understood and agreed that the work embraced in this Contract shall be commenced on a date to be specified in the Notice to Proceed.

The Contractor agrees that said work shall be prosecuted regularly, diligently, and uninterruptedly at a rate of progress as will insure full completion thereof within the time specified. It is expressly understood

and agreed, by and between the Contractor and the Owner, that the time for the completion of the work described herein is a reasonable time for the completion of the same, taking into consideration the average climate range and usual industrial conditions prevailing in this locality.

If the said Contractor shall neglect, fail or refuse to complete the work within the time herein specified, or any proper extension thereof granted by the Owner, then the Contractor does hereby agree, as part consideration for the awarding of this Contract, to pay the Owner the amount specified in the Contract, not as a penalty but as liquidated damages for such breach of Contract as hereinafter set forth, for each and every calendar day that Contractor shall be in default after the time stipulated in the Contract for completing the work.

The said amount is fixed and agreed upon by and between the Contractor and the Owner because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner would in such event sustain, and said amount is agreed to be the amount of damages which the Owner would sustain and said amount shall be retained from time to time by the Owner from current periodical estimates.

It is further agreed that time is of the essence of each and every portion of this Contract and of the Specification wherein a definite and certain length of time is fixed for the performance of any act whatsoever; and where under the Contract an additional time is allowed for the completion of any work, the new time limit fixed by such extension shall be the essence of this Contract. Provided that the Contractor shall not be charged with liquidated damages or any excess cost when the owner determines that the Contractor is without fault and the Contractor's reasons for the time extension are acceptable to the Owner; provided further that the Contractor shall not be charged with liquidated damages or any excess cost when the delay in completion of the work is due:

- a. To any preference, priority or allocation order duly issued by the Government;
- b. To unforeseeable cause beyond the control and without the fault or negligence of the Contractor, including but not restricted to, acts of God, or the public enemy, acts of the Owner, acts of another Contractor in the performance of a Contract with the Owner, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes, and severe weather; and
- c. To any delays of subcontractors or suppliers occasioned by any of the causes specified in subsections a. and b. of this article; provided further, that the Contractor shall, within ten (10) days from beginning of such delay, unless the Owner shall grant a further period of time prior to the date of final settlement of the Contract, notify the Owner, in writing, of the cause of delay, who shall ascertain the facts and extent of the delay and notify the Contractor within a reasonable time of its decision in the matter.

42. FINAL WALK THRU INSPECTION: The Final Walk Thru Inspection shall be performed by all parties involved at the project completion. The Contractor shall inform the Project Manager, in writing, for the substantial completion date of the project. The Contractor will be notified by the Project Manager within ten (10) working days of any incomplete and/or defective work. The Contractor shall immediately take such measures as necessary to remedy such deficiencies (not to exceed 30 calendar days) and shall notify the Project Manager at completion of the corrections. A second inspection shall be performed as required.

COUNTY OF LEXINGTON
Procurement Services, 212 South Lake Drive, Suite 503, Lexington, SC 29072
Ph: (803) 785-8319 / Fax: (803) 785-2240

BIDDERS SCHEDULE

BID NUMBER: B15012-09/24/14S
2014

DATE: AUGUST 29,

OPENING DATE AND TIME: September 24, 2014 @ 3:00 PM E.S.T.

OPENING LOCATION: Lexington County Procurement Office
County Administration Bldg., 5th floor
212 South Lake Drive, Suite 503, Lexington SC

PROCUREMENT: **D. E. Clark Road Improvements:** Provide all materials, equipment, and labor for the construction of approximately **13,140 LF of roadway** in accordance with the specifications, conditions, and provisions as provided herein.

AWARD: The total base bid will be used as a basis for evaluation of the bids and award of the contract. If the bidder chooses to use the alternate bid item, this will be used as a basis for evaluation in addition to the base bid. The optional bid will not be used in evaluation of the bids. If the award of a contract is made, it will be to the lowest, responsive, responsible Bidder within the specified time for bids to remain irrevocable.

TIME OF COMPLETION: The successful bidder shall commence work within ten (10) calendar days of receipt of written "Notice to Proceed" by the Owner and fully execute and complete the project within **180** consecutive calendar days thereafter. The proposed Notice to Proceed date is **October 27, 2014** therefore the calendar date of completion will be **April 27, 2015**.

LIQUIDATED DAMAGES: The Bidder must also agree to pay as liquidated damages, the sum of **\$200.00** for each consecutive calendar day thereafter as described in the General Conditions.

WARRANTY: The successful bidder will provide a written statement of warranty against any defect, failure, etc. caused by the materials, workmanship, etc. for a period of 2-years from the time of completion.

MBE/WBE: This contract is being financed through the State C-Fund Program which is subject to state laws regarding Minority and/or Women Business Enterprises. Such business, organizations, and individuals owning and controlling same shall hereinafter be referred to as "MBE/WBE". The overall goal for participation for this contract is at least 5% of the contract bid price for MBE and 5% of the contract bid price for WBE. The successful bidder must demonstrate their attempt to meet this goal and provide verification if the goal cannot be met. The successful bidder must also provide the names of all MBE/WBE's used on the project along with the associated dollar amount. Names of certified MBEs and WBEs can be found on SCDOT's website.

The Contractor will be responsible for providing Lexington County with a DBE Status report on a quarterly basis and at project closeout. The appropriate reporting document can be found at SCDOT's Website http://www.scdot.org/doing/businessdevelop_dbe.aspx under the document titled LPA & Construction DBE Status Spreadsheet. For purposes of this reporting, Quarterly is defined as Jan 1 to March 31 (QTR 1), April 1 to June 30 (QTR 2), July 1 to September 30 (QTR 3), and October 1 to December 31st (QTR 4)

ALTERNATE BIDS:

The bidder is to take notice that the bid schedule has a Base Alternate. The Base Alternate will substitute 8" Sand Clay Base for the 6" Graded Aggregate Base listed in the Bid Schedule. The Bid Total is to include only one Base Type. If Sand Clay is not chosen in lieu of Graded Aggregate Base then Alternate 1 is to be left blank.

OPTIONAL BIDS:

The bidder is hereby advised that this project contains line items for an "Optional Bid". The Optional Bid Item(s) will be for the placement of Asphalt Surface Treatment (Triple Treatment) in place of the Base Bid item Hot Mix Asphalt Surface Course Type B 200#/SY. **The selected bidder will be determined by the Total Bid Price which does not include the Optional Bid Item(s).** The Optional Bid Item(s) will only be evaluated for the selected low bidder of the Base Bid/Alternative Bid amount. The use of the Optional Bid will be at the sole discretion of Lexington County.

**BID FORM FOR:
D. E. CLARK ROAD IMPROVEMENTS**

Pay Item	Item Number	Quantity	Unit	Description	Unit Price	Total
1	1031000	NEC.	LS	MOBILIZATION		
2	1071000	NEC.	LS	TRAFFIC CONTROL		
3	2011000	NEC.	LS	CLEARING & GRUBBING WITHIN RIGHT-OF-WAY		
4	C2025000	98	SY	REMOVAL AND DISPOSAL OF EX. ASPHALT PAVEMENT		
5	2031000	15467	CY	UNCLASSIFIED EXCAVATION		
6	2033000	2830	CY	BORROW EXCAVATION		
7	C203	300	CY	UNSUITABLE MATERIAL EXCAVATION		
8	3050106	39221	SY	GABC (6" UNIFORM)		
9	C3069900	200	TON	MAINTENANCE STONE		
10	C4020320	23	TON	HOT MIX ASPHALT INTERMEDIATE COURSE TYPE B 400#/SY		
11	4030320	4000	TON	HOT MIX ASPHALT SURFACE COURSE TYPE B 220#/SY		
12	6250010	25215	LF	4" WHITE SOLID LINES (PVT. EDGE LINES)-FAST DRY PAINT		
13	6250025	120	LF	24" WHITE SOLID LINES (STOP/DIAGONAL LINES)-FAST DRY PAINT		
14	6250110	25515	LF	4"YELLOW SOLID LINE(PVT.EDGE&NO PASSING ZONE)-FAST DRY PAINT		
15	6301100	215	EA	RAISED PAVEMENT MARKERS		
16	7141112	584	LF	15" R.C. PIPE CUL. - CLASS III		
17	C7141112	120	LF	15" R.C. PIPE CUL.- CLASS III		
18	7141113	2104	LF	18" R.C. PIPE CUL. - CLASS III		
19	C7141113	200	LF	18" R.C. PIPE CUL. - CLASS III		
20	7141114	408	LF	24" R.C. PIPE CUL. - CLASS III		
21	7141118	72	LF	48" R.C. PIPE CUL. - CLASS III		
22	7191205	14	EA	CATCH BASIN - TYPE 9		
23	7191208	2	EA	CATCH BASIN - TYPE 9 WITH STANDARD 3 X 6 BOX		
24	7192105	2	EA	MANHOLE		
25	7196000	10	LF	EXTRA DEPTH OF BOX		
26	720.1	64	LF	CONCRETE KEY		
27	8041010	158	TON	RIP- RAP (CLASS B)		
28	8048205	264	SY	GEOTEXTILE FOR EROSION CONTROL UNDER RIP-RAP (CLASS 2) TYPE B		
29	8080000	NEC.	LS	MOVING ITEMS		
30	8100001	41.644	MSY	PERMANENT VEGETATION		
31	8101100	21550	SY	ORGANIC TOPSOIL		
32	8103100	20.822	MSY	TEMPORARY VEGETATION		
33	C8151110	9.043	MSY	EROSION CONTROL MATTING		
34	8152006	140	LF	INLET STRUCTURE FILTER- TYPE F (NON-WEIGHTED)		

Pay Item	Item Number	Quantity	Unit	Description	Unit Price	Total
35	8153000	6845	LF	NPDES SILT FENCE		
36	8156100	180	TON	ROCK CHECK DAM		
37	C8156490	2	EA	STABILIZED CONSTRUCTION ENTRANCE		
38	815	NEC.	LS	EROSION CONTROL MAINTENANCE		
Total Base Bid (Items 1 - 38)						

ALTERNATE 1				(BASE)		
39	2031000	50	CY	UNCLASSIFIED EXCAVATION		
40	3031008	39221	SY	SAND-CLAY BASE CR. 8" UNIFORM		
Total Bid (If Alternate 1 is used)						

OPTIONAL BID 1				(SURFACE)		
41	4080101	36236	SY	ASPHALT SURFACE TREATMENT (TRIPLE TREATMENT) TYPE 1		

Total Base Bid plus Option Bid with No Alternate						
---	--	--	--	--	--	--

COMPANY:_____ AUTHORIZED SIGNATURE:_____

The attached Certificate of Familiarity must be returned with bid.

BIDDER CHECKLIST

Bidder is acknowledging that the following items have been provided with the bid.

____ Bid Bond
Initial

____ Certificate of Familiarity
Initial

____ Disadvantaged Business Enterprises Committal Sheet
Initial

____ Listing of Subcontractors
Initial

____ Acknowledgment of Amendment Number (if applicable) ____ - ____
Initial

COMPANY: _____ AUTHORIZED SIGNATURE: _____

The attached Certificate of Familiarity must be returned with bid.

BID NUMBER: B15012-09/24/14S

DATE: AUGUST 29, 2014

CERTIFICATE OF FAMILIARITY

The undersigned, having fully familiarized himself with the information contained within this entire solicitation and applicable amendments, submits the attached bid and other applicable information to the County, which I verify to be true and correct to the best of my knowledge. I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm or person submitting a bid for the same materials, supplies or equipment, and is in all respects, fair and without collusion or fraud. I agree to abide by all conditions of this bid and certify that I am authorized to sign this bid. I further certify that this bid is good for a period of ninety (90) days, unless otherwise stated.

Company Name as registered

Authorized Signature with the IRS

Correspondence Address

Printed Name

City, State, Zip

Title

Date

Telephone Number

Fax Number

CONTRACTOR'S LICENSE # _____

Remittance Address

E-mail Address (PLEASE PRINT)

City, State, Zip

Telephone Number

Toll-Free Number if available

Federal Tax ID Number

SC Sales and Use Tax Number

**DOES YOUR FIRM OWE THE COUNTY OF LEXINGTON ANY DELINQUENT BUSINESS
PROPERTY TAXES ? ___ YES/___ NO**

LISTING OF SUBCONTRACTORS

Any bidder in response to this Request for Bids shall set forth in his bid the Percent of Work, Name and Location of the place of business for each of the following subcontractors (if so specified) who may perform work or render services to the prime Contractor to or about the construction, or who will specifically fabricate or install a portion of the work. If the prime Contractor determines to use his own employees to perform any portion of the work for which he would otherwise be required to list a subcontractor, and if the prime Contractor is qualified to perform such work under the terms of the Request for Bids, the prime Contractor shall indicate this in his bid and not subcontract any of that work except with the approval of owner for good cause shown.

Pay Item/s	Contract Amount in %	Sub-Contractor's Name & License #	Address / Location

Failure to list specified subcontractors shall render the prime Contractor's bid non- responsive. No prime Contractor whose bid is accepted shall substitute any person as a subcontractor in place of the subcontractor listed in the original bid, except as specified within the contract documents.

SUPERINTENDENT, PRIME CONTRACTOR

If, as a result of this Bid a Contract is awarded, the Prime Contractor's job superintendent shall be:

Print Superintendent's Name

BIDDER: _____ SIGNATURE: _____

DISADVANTAGED BUSINESS ENTERPRISES (DBE) COMMITTAL SHEET

FAILURE TO PROVIDE ALL INFORMATION REQUIRED ON THIS FORM MAY RESULT IN THE AWARD BEING MADE TO THE NEXT LOWEST RESPONSIBLE BIDDER.

¹ Name & Address of DBE's (Subcontractor or Supplier)	² Percent	³ Description of Work and Approximate Quantity ⁶ (show percent when appropriate)				⁵ Dollar Value
		Item	Qty.	Unit	⁴ Unit Price	

- 1 The designation of Firm A and/or B is not considered acceptable. I hereby certify that this company has communicated with and received quotes from the DBE's listed above and that they are willing to perform the work as listed above and that this company is committed to utilizing the above firm(s) on this contract.
- 2 Percent - show percent of total contract amount committed to each DBE listed.
- 3 All information requested must be included unless item is listed in proposal on a lump sum basis.
- 4 Unit Price - show unit price quoted by DBE.
- 5 Dollar Value - extended amount based on Quantity and Unit Price.
- 6 Applies to lump sum items only.

This form may be reproduced or additional sheets added in order to provide all requested information.

SWORN to before me this _____
day of _____, 20____

Company

(Seal) Notary Public

By:

My commission expires: _____

Title:

TO: ANGELA M. SEYMOUR, PROCUREMENT OFFICER
FAX: 803-785-2240 or Email your questions to aseymour@lex-co.com

REQUEST FOR WRITTEN RESPONSE TO QUESTIONS
BID NO. B15012-09/24/14S
D. E. CLARK ROAD IMPROVEMENTS

Deadline for submitting questions is **September 12, 2014 @ 5:00 PM E.S.T.**

OFFEROR NAME AND ADDRESS:

DATE: _____

CONTACT PERSON: _____

TELEPHONE #: _____

FAX #: _____

(PLEASE REFER TO PAGE AND PARAGRAPH NUMBER WHEREVER POSSIBLE)

COUNTY OF LEXINGTON
Procurement Services

<i>SPECIAL PROVISIONS</i>

FOR

D. E. CLARK ROAD IMPROVEMENTS

.....

THE PROJECT

The Lexington County Department of Public Works is seeking competitive bids from South Carolina Department of Transportation approved contractors for the purpose of Paving D. E. Clark Road located in Lexington, SC. The work includes grading, paving, and installation of storm drainage system and all other work associated with the construction of this road for a total of approximately **13,140 LF of roadway**. The limits of work are described herein along with Standard Specifications that detail specific items of work.

Note 1: If a change in Quantities is warranted during construction, it shall be requested and approved in accordance with the “Estimated Quantities” provision as stated in the General Conditions.

Note 2: All work done by the Contractor must be in accordance with the South Carolina Department of Transportation 2007 Standard Specification for Highway Construction unless otherwise instructed by Lexington County Department of Public Works and be warranted for a period of 2-year from the time of completion against any defect, failure, etc. caused by the materials, workmanship, etc.

Note 3: The Contractor will be responsible for any applicable construction staking, lines and grades

Note 4: Contingent items are not to be used without prior approval of the Engineer.

TABLE of CONTENTS

Item No.	Title	Page No.
105	Control of Work.....	32
1031000	Mobilization.....	32
1071000	Traffic Control	33
2011000	Clearing & Grubbing within Right of Way	34
2025000	Removal and Disposal of Existing Asphalt Pavement.....	34
C203 2031000 2033000	Excavation	35
208.1	Subgrade	36
211.1	Proof Rolling	37
3031008	Sand Clay Base Course (8" Uniform).....	38
3050106	Graded Aggregate Base Course (6"Uniform).....	38
3069900	Maintenance Stone.....	39
4020320	Hot Mix Asphalt Intermediate Course (Type B) 400#/sy	39
4030320	2" Hot Mix Asphalt Surface Course (Type B) 220#/sy	39
4080101	Asphalt Surface Treatment (Triple Treatment Type 1)	41
6250010 6250110	Solid Lines Fast Dry Paint	41
6250025	24" White Fast Dry Paint Stop Bar	41
6301100	Permanent Yellow Pavement Markers Bi-Dir.- 4"X 4"	42
7141112 7141113 7141114 7141118	RCP	42
7191205 7191208 7192105 7196000	Catch Basin Type 9/ Extra Depth of Box	44
720.1	Concrete Key	45
8041010 8048205	Rip Rap/ Geotextile Fabric	45
8080000	Moving Items	46

8100001	Temporary/ Permanent Vegetation	46
8103100		
8101100	Organic Topsoil	47
C8151110	Erosion Control Matting	47
8153000	Silt Fence/Inlet Structure Filter – Type F (Non weighted)	48
8156100	Rock Check Dams	48
8156490	Stabilized Construction Entrance	49
815	Erosion Control Maintenance	49

Item No. 105 –CONTROL OF WORK

- .01 AUTHORITY OF THE ENGINEER:** Refer to the SCDOT 2007 Standard Specification for Highway Construction Section 105.1 paragraph 1 and 2.
- .02 THE DESIGN PLANS:** The design plans or construction plans, if applicable, will be provided by the Owner. Also refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.2 paragraph 1 in its entirety.
- .03 CONFORMITY WITH PLANS AND SPECIFICATIONS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.3 in its entirety.
- .04 COORDINATION OF PLANS, SPECIFICATIONS, AND SPECIAL PROVISIONS:** The Owner will provide the Construction Plans, if applicable, and specifications for materials. It is the responsibility of the Contractor to have a complete understanding of the work to be preformed prior to beginning any work. It is the responsibility of the Contractor to point out any discrepancy in the plans and/or specifications prior to any work being preformed. The engineer will determine any necessary changes to the plans or specifications prior to the work being preformed. The Owner is not responsible for any work performed without these corrections and interpretations.
- .05 COOPERATION BY CONTRACTOR:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.5 in its entirety.
- .06 COOPERATION WITH UTILITIES:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.6 in its entirety.
- .07 COOPERATION BETWEEN CONTRACTORS:** If applicable refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.7 in its entirety.
- .08 CONSTRUCTION STAKES, LINES, AND GRADES:** If applicable refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.8 in its entirety.
- .09 AUTHORITY AND DUTIES OF THE ENGINEERS REPRESENTATIVES:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.9 in its entirety.
- .10 INSPECTION OF WORK:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.10 in its entirety.
- .11 REMOVAL OF UNACCEPTABLE AND UNAUTHORIZED WORK:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.11 in its entirety.
- .12 LOAD RESTRICTIONS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.12 in its entirety.
- .13 FAILURE TO MAINTAIN ROADWAY STRUCTURE:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 105.12 in its entirety

Item No. 1031000 – MOBILIZATION

- .01 DESCRIPTION:** This work shall consist of Mobilization as described within Section 103.10 of the SCDOT 2007 Standard Specifications for Highway Construction.
- .02 MEASUREMENT AND PAYMENT:** Mobilization will be paid for at the Contract Unit Price of Lump Sum, which price and payment shall be full compensation for organizing and moving all

forces, supplies, equipment and incidentals to the project site, regardless of the number of times such moves are made, and all preconstruction costs incurred after award of the contract. This price shall also include costs for demobilization.

Payments for mobilization are included on the first and second construction estimates. Each payment is for 1/2 of the lump sum price for Mobilization, subject to the limits shown in the following table:

Contract Amount (CA)	Max. Payment in First Estimate	Max. Payment in Second Estimate
\$0 - \$100,000	$CA \times 0.05$	$CA \times 0.05$
\$100,000 and above	$CA \times 0.025$	$CA \times 0.025$

Item No. 1071000 – TRAFFIC CONTROL

- .01 DESCRIPTION:** This work shall consist of all labor and material necessary to maintain traffic, both vehicular and pedestrian, on, along, or through the work area. This item sets forth the traffic control requirements necessary for the safe and continuous maintenance of traffic throughout the area affected by the work.
- .02 MATERIALS:** All materials shall be in accordance with Section 600 of the SCDOT 2007 Standard Specifications for Highway Construction.
- .03 EQUIPMENT:** None specified,
- .04 CONSTRUCTION:** A predetermined Traffic Control Plan (TCP) shall be submitted seven (7) calendar days prior to the start of work. The TCP shall be submitted to the Engineer for review and verification of conformance with Part VI (Temporary Traffic Control) of the latest edition of the Manual on Uniform Traffic Control Devices (MUTCD). The TCP shall address the type, size, and placement of signs, job location and personnel to be used.
 - A.** All traffic control devices and methods used shall conform to the Manual on Uniform Traffic Control Devices (MUTCD), latest edition.
 - B.** Contractor to provide sufficient number of flagmen and take all necessary precautions for the protection of the work area and safety of the public. When not in visual contact, flaggers shall be equipped with two-way radios to facilitate the safe flow of traffic through the construction zone.
 - C.** Signs shall be new or in like-new condition. Signs that become faded, illegible, or damaged shall be replaced as directed by the Engineer.
 - D.** On projects where traffic is detoured around the work area, Contractor shall place signing as shown by the TCP.
 - E.** On projects where traffic is to be maintained through the work area, the Contractor shall maintain one (1) lane traffic during work hours and two (2) lanes during non-work hours. There will be no lane closures allowed from 7:00 a.m. to 9:00 a.m. and from 3:00 p.m. to 5:00 p.m. unless otherwise directed by the Engineer.
 - F.** Traffic control devices shall be erected prior to the commencement of the paving operation and shall be maintained at each paving location until operations are complete.
 - G.** All salvaged material and devices, i.e. TCP signs, etc., shall become the property of the Contractor.
 - H.** Weeds, shrubbery, construction equipment or material, spoil, etc., shall not be allowed to obscure any traffic control device.

- I. Upon removal of signs, Contractor is to restore all disturbed areas, sod or pavement, to its original condition.
- J. All personnel on the project site shall comply with Federal OSHA regulations. At a minimum, all personnel shall wear reflective safety vests within the work zone.
- K. All lane closures and times shall be submitted by the Contractor in their Traffic Control Plan for approval by the Engineer.

.05 MEASUREMENT AND PAYMENT: Traffic Control will not be measured for payment but will be paid per the Contract Unit Price of Lump Sum. The lump sum bid will be evenly distributed in equal payments throughout the length of the project minus the appropriate retainage. Traffic control needed during repair or replacement of damaged or malfunctioning traffic control devices is considered incidental work for the item Traffic Control. Traffic control needed during application of temporary or permanent pavement markings is considered incidental work for the item Traffic Control. Work under this section is paid for in the lump sum pay item Traffic Control as specified in **Subsection 107.12** and includes traffic control devices and work necessary for the proper protection of the traveling public.

Item No. 2011000 – CLEARING AND GRUBBING WITHIN RIGHT OF WAY

- .01 DESCRIPTION:** This section contains specifications for the materials, equipment, construction, measurement, and payment for clearing and grubbing of all vegetation, debris, and obstructions within the limits of the disturbance, ditch and channel change areas, or other easement areas, except for such objects that are designated to remain, or are to be otherwise removed in accordance with the plans or other sections of these specifications.
- .02 MATERIALS:** none specified
- .03 EQUIPMENT:** Ensure that the equipment necessary for the proper construction of the work is on site, in acceptable working condition, and approved by the Engineer as to both type and condition before commencement of work
- .04 CONSTRUCTION:** Where clearing and grubbing within right-of-way is required, clear and grub the entire area within the limits of disturbance. Do not cut, damage, or destroy timber beyond the limits of disturbance unless the Plans or the Special Provisions provide for clearing such areas as necessary to complete the work. Do not remove or damage trees, plant specimens, or other objects considered valuable by adjacent property owners or that are aesthetically desirable and are designated by the ENGINEER to remain
- .05 MEASUREMENT AND PAYMENT:** The quantity for the pay item Clearing and Grubbing within Right-of-Way is measured and paid for at the Contract Unit Price Bid per Lump Sum. The quantity is the actual surface area over which clearing or grubbing operations were performed, completed, and accepted by the Engineer. Payment is full compensation for performing the clearing and grubbing work as specified or directed and includes proper removal and disposal of timber and debris and all other materials, labor, equipment, tools, supplies, transportation, and incidentals necessary to complete the work in accordance with the Plans, the Specifications, and other terms of the Contract.

Item No. C2025000 – REMOVAL AND DISPOSAL OF EXISTING ASPHALT PAVEMENT

- .01 DESCRIPTION:** This section contains specifications for the material, equipment, construction, measurement, and payment for the removal, wholly or in part, and satisfactory disposal of old pavements and other obstructions that are not designated or permitted to remain, except for the

obstructions removed and disposed of under other items in the Contract.

This subsection also contains specifications for the salvaging of all materials and backfilling of the trenches, holes, and pits.

.02 MATERIALS: none specified

.03 EQUIPMENT: Ensure that the equipment necessary for the proper construction of the work is on site, in acceptable working condition, and approved by the Engineer as to both type and condition before the start of work under this section. Provide sufficient equipment to enable prosecution of the work in accordance with the project schedule and completion of the work in the specified time.

.04 CONSTRUCTION: If so designated, remove and dispose of the following items unless such material is suitable for use in constructing embankments: existing Portland cement concrete, brick, or stone pavements with or without asphalt overlays, concrete, brick or stone sidewalks, concrete gutter or integral curb and gutter curb, asphalt concrete pavement, or asphalt curb. If suitable and approved by the Engineer, this material may be used to construct embankments.

As directed by the Engineer, sawcut pavement as necessary to produce a uniform line between the pavement to be retained and to be removed.

.05 MEASUREMENT AND PAYMENT: Payment for the accepted quantity for Removal as otherwise indicated, such as aggregate bases, earth type bases, and other flexible pavement structure components are not included in the quantity for the pay item Removal and Disposal of Existing Asphalt Pavement because they are included in the quantity for the pay item Unclassified Excavation. Disposal of Existing Asphalt Pavement (SY) is full compensation for removing and disposing of existing asphalt pavements with thickness of 2 inches or greater as specified or directed and includes all materials, labor, equipment, tools, supplies, transportation, and incidentals necessary to complete the work in accordance with the Plans, the Specifications, and other terms of the Contract.

Item No. C203 – UNSUITABLE MATERIAL EXCAVATION

.01 DESCRIPTION: This work shall consist of the removal of unsuitable material as determined by the Engineer. This item shall include the replacement of the unsuitable material with good, clean, backfill as described herein. The proposed quantities are a contingent item and will only be used if so directed by the Engineer.

.02 MATERIALS: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 203.2 in its entirety.

.03 EQUIPMENT: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 203.3 in its entirety.

.04 CONSTRUCTION: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 203.4 in its entirety and the following:

- A. All voids created by the removal of unclassified excavation shall be backfilled to the lines and grades specified in the Contract Documents.
- B. Prior to placing backfill in the above described area, the Owner will take Cross-Sections or field measurements to determine the amount of excavation and borrow required to perform this item of work.

- C. Failure on the part of the Contractor to give the Owner the required notice or placing backfill prior to the taking of cross-sections is at his own risk and expense.
- D. Materials used for "borrow" shall be inspected and approved by Engineer prior to placement at its intended location.
- E. All unsuitable material excavated that is deemed unsuitable for reuse by the Engineer shall be disposed of properly at no additional cost to the Owner.

.05 MEASUREMENT AND PAYMENT: Contingent Unsuitable Material Excavation will be measured as described above and paid for at the Contract Unit price bid per cubic yard. The payment shall be full compensation for all labor, materials, equipment, excavation, graded aggregate, compaction, proof rolling, disposal and incidentals necessary to complete this item of work.

Item No. 2031000 –UNCLASSIFIED EXCAVATION

Item No. 2033000 –BORROW EXCAVATION

- .01 DESCRIPTION:** This section contains specifications for the materials, equipment, construction, measurement, and payment for the removal, placement, compaction, and satisfactory disposal of all materials encountered within the limits of the right-of-way and borrow pits necessary for the construction of the roadway. The limits of this work may include intersecting roads, driveways, ditches, channels, parking areas, ramps, and private entrances. This work also consists of the removal and replacement of unsuitable material in the subgrade or under structures, the stripping of the roadway and material pits, and the excavation work necessary for the formation, compaction, and shaping of embankments, subgrade, shoulders, slopes, and intersections
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 203.2.1.2, 203.2.1.3, and 203.2.1.8.1. 3 in its entirety.
- .03 EQUIPMENT:** Ensure that the equipment necessary for the proper construction of the work is on site, in acceptable working condition, and approved by the Engineer as to both type and condition before the start of work under this section. Provide sufficient equipment to enable prosecution of the work in accordance with the project schedule and completion of the work in the specified time.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 203.4.1 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** All excavation work will be measured and paid at the Contract Unit Bid Price per Cubic Yard. Measurement is in accordance with SCDOT 2007 Standard Specifications for Highway Construction Section 203.5 in its entirety. Payment in CY is full compensation for performing the earthwork prescribed and, if applicable, includes excavating of material; forming and compacting embankments; disposing of surplus or unsuitable material; stripping, preparing, and compacting of subgrade and shoulders; de-watering borrow pits (when necessary), terracing of borrow pits; and all other materials, labor, equipment, tools, supplies, transportation, and incidentals necessary to satisfactorily complete the work in accordance with the Plans, the Specifications, and other terms of the Contract. The payment also includes hauling of the material within the free haul limit of 3000 feet.

Item No. 208.1 –SUBGRADE

- .01 DESCRIPTION:** This work shall consist of preparing a compacted 18" subgrade. The subgrade material shall be constructed and fine graded as shown in the construction plans provided by the Owner. Also refer to the SCDOT Standard Specifications for Highway Construction Section

208.1 in its entirety.

.02 MATERIALS: none specified.

.03 EQUIPMENT: Ensure that the equipment necessary for the proper construction of the work is on site, in acceptable working condition, and approved by the Engineer as to both type and condition before the start of work under this section. Provide sufficient equipment to enable prosecution of the work in accordance with the project schedule and completion of the work in the specified time.

.04 CONSTRUCTION: Remove all soft, unstable, or unsuitable material that does not compact readily. Replace this material with satisfactory material as directed by the Engineer. Remove or break off all objectionable loose rock or boulders to a depth of not less than 6 inches below the surface of the subgrade. Fill all holes, ruts, or depressions that develop in the subgrade with approved material, bring the subgrade to line and grade, and properly compact. Perform this work without any additional compensation. If the subgrade is too dry to compact properly, sprinkle with water to wet it, if deemed desirable by the Engineer, to secure proper compaction.

Compact the subgrade between lines 18 inches outside the area occupied by the pavement structure, including curb and gutter and sidewalk as applicable, to not less than 98.0% of maximum density. Accomplish the compaction by using suitable construction procedures while the subgrade is at suitable moisture content. Maximum densities are determined by either **SC-T-25** (Method A or C as applicable) or **SC-T-29**.

When any portion of the subgrade is constructed on an old roadbed that conforms to or approximates the elevation of the subgrade, scarify and grade the existing surface as directed by the Engineer so that the subgrade has a uniform density when compacted.

.05 MEASUREMENT AND PAYMENT: Subgrade preparation **will not** be measured for payment, but shall be considered incidental to Item 203.1- Unclassified Excavation, fine grading will be required but not measured for payment, but shall be considered incidental to Item No. 203.1 Unclassified Excavation¹

Item No. 211.1 –PROOF ROLLING

.01 DESCRIPTION: This work shall consist of furnishing and operating a heavy, pneumatic-tired equipment for testing the roadway subgrade and subbase for stability and uniformity of compaction.

.02 MATERIALS: none specified.

.03 EQUIPMENT: Proof rolling equipment shall consist of a fully loaded tandem axle dump truck (minimum 20 tons) or an equivalent approved by the Engineer. Use only equipment with air-filled pneumatic tires. Do not use liquid-filled tires. Ensure that the tires have a pressure between 70 and 90 psi while proof rolling. Use equipment with tires mounted on articulated axles so that all wheels on the same axle carry approximately equal loads when operated on uneven surfaces.

.04 CONSTRUCTION

A. Perform proof rolling in the presence of the Engineer or approved inspector. 24 hour notice provided to the Engineer or approved inspector prior to performing the proof roll.

- B. Operate proof rolling equipment at a speed of between 200 and 300 feet per minute
- C. Make a minimum of 3 passes over each area proof rolled.
- D. Correct areas shown by the proof rolling operation to be unstable or non-uniform. After correction of these deficient areas, repeat the proof rolling operation
- E. Failed areas will require a retest at a later date, contractor shall be required to cover the cost of additional testing of these areas. All retest shall be documented, and shall be shown as a deduction of \$250.00 each, on Item No. 203.1- Unclassified Excavation at the time of the pay request.

.05 MEASUREMENT AND PAYMENT: Proof rolling will not be measured for payment, but shall be considered incidental to Item No 203.1- Unclassified Excavation.

Item No. 3031008 – SAND CLAY BASE COURSE (8” UNIFORM)

- .01 DESCRIPTION:** This work shall consist of preparing a compacted 8.0 inch sand clay base course on subgrade prepared by the Contractor. This base material is an option alternate base course that the Contractor may bid in lieu of Graded Aggregate Base Course. Sand Clay Base will be compacted to 100% of the standard proctor (ASTM D-698) maximum dry density. Prime Coat will not be paid for, it will be considered as incidental to Item no. 3031008 Sand Clay Base Course. The payment will be full compensation for all material, labor, and equipment necessary to complete the work.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 303.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 303.4 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 303.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Sand Clay Base Course will be measured and paid for at the Contract Unit Price Bid per Square Yard. The payment will be full compensation for all material, labor, equipment, tools, grading, compacting, testing, watering, and incidentals necessary to complete the work. Base constructed outside the designated area will not be paid for.

Item No. 3050106 – GRADED AGGREGATE BASE (6” UNIFORM)

- .01 DESCRIPTION:** This section contains specifications for the materials, equipment, construction, measurement, and payment for construction of a base course composed of the graded aggregate materials specified herein on a properly prepared foundation (subgrade or subbase) in conformance with the lines, grades, dimensions, and cross-sections shown on the Plans or as directed by the Engineer. Prime Coat will not be paid for, it will be considered as incidental to Item no. 3050106 Graded Aggregate Base.

When the Contract specifies a graded aggregate base course, the following base courses listed below may appear on the proposal as alternates:

- Macadam Base Course,
- Marine Limestone Base Course, or
- Recycled Portland Cement Concrete Base Course.

When alternates appear in the proposal, select the intended bid alternate and provide unit bid prices only on that alternate.

Marine limestone aggregate is generally found in the coastal plain area of the state and is defined as any limestone aggregate not meeting the classification of dolomitic limestone. Fossiliferous limestone aggregate and recrystallized limestone aggregate are considered marine limestone aggregates.

- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 305.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 305.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 305.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Graded Aggregate Base Course will be measured and paid for at the Contract Unit Price per Square Yard.

The square yard, the quantity for the pay item Graded Aggregate Base Course (of the required uniform thickness) is the surface area of the base constructed as specified and measured by the square yard (SY) of base course in-place, complete and accepted. The area of base course constructed outside the area designated is disregarded in computing the quantity.

Payment is full compensation for constructing the graded aggregate base course as specified or directed and includes preparing the foundation, furnishing, hauling, placing, spreading, mixing, adding water, shaping, compacting, finishing, applying prime coat, maintenance, reconstruction (if necessary) of the base course, and all other materials, labor, equipment, tools, supplies, maintenance, and incidentals necessary to complete the work in accordance with the Plans, the Specifications, and other terms of the Contract.

Item No. C3069900 – MAINTENANCE STONE

- .01 DESCRIPTION:** This work shall consist of Maintenance Stone for temporary access to drives as directed by the Engineer.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 305.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 305.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 305.3 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Maintenance Stone will be measured and paid for at the Contract Unit Price Bid per Ton. The payment will be full compensation for all material, labor, equipment, tools, grading, materials, compacting, testing, water, and incidentals necessary to complete the work.

Item No. 4030320– HOT MIX ASPHALT SURFACE CR. (TYPE B) 220#/SY

Item No. 4020320- HOT MIX ASPHALT INTERMEDIATE CR. (TYPE B) 400#/SY

- .01 DESCRIPTION:** This work shall consist of furnishing and installing Hot Mix Asphalt (HMA) as shown herein or as directed by the Engineer. HMA shall consist of crushed stone, crushed slag, or crushed gravel and fine aggregate, slag, stone screening or a combination thereof

combined with asphalt cement. The Engineer will permit the use of HMA Surface Course containing RAP material in the specified mixes. This material must meet SCDOT requirements. At any time during the period of the Contract, the Owner may increase, decrease, delete, or substitute HMA tonnage listed herein at its discretion.

- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 403.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 403.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 403.4 in its entirety and the following:

 - A.** The contractor shall apply a prime coat to sand clay base layers or graded aggregate base in accordance to SCDOT Specifications Section 401.4.18. Delay prime coat application as necessary to achieve uniform penetration of the base course. Apply the prime at a rate of 0.25 to 0.28 gallons per square yard of asphalt. The method of application is prescribed in pertinent sections of SCDOT Specifications Section 406.
 - B.** When it is necessary to maintain traffic on a road or a section of road before the prime coat has time to sufficiently dry to prevent pickup, apply sand or some approved granular material as a cover as directed by the Engineer. The cost of furnishing this material and performing this work shall be incidental to the cost of the Hot Mix Asphalt.
 - C.** The Contractor shall protect the pavement against damage from all causes. Any part of the pavement that is damaged shall be repaired or replaced by and at the expense of the Contractor.
 - D.** HMA shall be placed only when the ambient air temperature at the surface is at least 40° F (4° C) and rising.
 - E.** All HMA shall be compacted by rolling, with approved equipment, to an in-place density of 92.0 to 97.0 percent of the maximum density.
 - F.** Testing of Hot Mix Asphalt (HMA) pavements shall be in accordance with SCDOT Specifications Section 401.4.20/21 at the Contractor's expense. Additional testing will be required at any areas deemed necessary by the Engineer at the Contractor's expense. Copies of all test results shall be given to the Owner.
- .05 MEASUREMENT AND PAYMENT:** Refer to Section 401.5 and Section 403.5 of the SCDOT Specification Booklet and the following:

 - A.** Hot Mix Asphalt pavements will be measured and paid for at the Contract Unit Price Bid per Ton. The payment will be full compensation for furnishing, mixing, hauling, placing, testing, prime coat, labor, equipment, tools and incidentals necessary to complete the work.
 - B.** Adjustment of existing visible manholes, valve boxes, inlets or other structures will not be measured but the cost will be incidental to the Contract unit price bid per ton for Hot Mix Asphalt pavement unless otherwise specified in the Contract documents.
 - C.** All costs for constructing or removal of tie-ins, final or temporary shall be considered incidental to the price per ton for HMA Surface Course.
 - D.** HMA shall be compacted to an in place density of 92 to 97 percent of the maximum density. If the Contractor obtains 92 to 97 percent densities, payment will be made at 100% of the Contract unit price bid per ton for the material at that density. Likewise densities from 90.5 to 91.9 will be paid at 93% of the Contract unit price bid per ton for the material at that density. All densities falling below 90.5 percent shall be milled out and replaced. When the Engineer determines to reject a lot, the lot shall be replaced at no cost to the Owner.

Item No. 4080101 – ASPHALT SURFACE TREATMENT (TRIPLE TREATMENT TYPE 1)

- .01 DESCRIPTION:** This work shall consist of providing a wearing surface composed of asphalt prime coat (when specified herein), an application of asphalt material and aggregate, covered with the appropriate number of applications of asphalt material and seal aggregate, constructed on a prepared base, and in conformance with the typical cross-section on the Plans.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 408.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 408.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 408.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Asphalt Surface Treatment shall be measured and paid for at the Contract Unit Price bid per Square Yard. The payment will be full compensation for constructing the asphalt surface treatment as specified or directed and includes furnishing, hauling, applying, spreading, and rolling the asphalt surface treatment, cleaning the existing surface, calibrating equipment, maintaining the surface, and other material, labor, equipment, transportation, tools, and incidentals necessary to complete the work

Item No. 6250010 – 4" WHITE SOLID LINES

Item No. 6250110 – 4" YELLOW SOLID LINES

- .01 DESCRIPTION:** This work shall consist of furnishing and installing 4" Yellow or White Solid Lines. Locations of lines to be placed as detailed on Plan Sheet 3 of the provided construction plans and/or as directed by the Engineer. This work shall include all materials, equipment, labor, and incidentals necessary to complete the work.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 625.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 625.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 625.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** 4" Yellow and white solid lines will be measured and paid for at the Contract Unit Price bid per lineal foot. The payment will be full compensation for all material, labor, equipment, tools, and incidentals necessary to complete the work.

Item No. 6250025 – 24" WHITE SOLID LINES

- .01 DESCRIPTION:** This work shall consist of furnishing and installing 24" White Solid Lines. Locations of lines to be placed as directed by the Engineer. This work shall include all materials, equipment, labor, and incidentals necessary to complete the work.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 625.2 in its entirety.

- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 625.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 625.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** 24" White solid lines will be measured and paid for at the Contract Unit Price bid per lineal foot. The payment will be full compensation for all material, labor, equipment, tools, and incidentals necessary to complete the work

Item No. 6301100 – PERMANENT YELLOW PAVEMENT MARKERS BI-DIR.- 4"X 4"

- .01 DESCRIPTION:** This section contains specifications for the materials, equipment, construction, measurement, and payment for furnishing and installing durable, abrasion-resistant retroreflective pavement markers (RPM) at 80 LF increments in tangents, 40 LF in curves and as directed by the RCE. Also included is protection of the RPM during installation.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 630.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 630.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 630.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** The quantity for the pay item Permanent (*Clear, Yellow, or Red/Clear*) Pavement Markers (*Mono-Directional or Bi-Directional*) – (*4"X4" or 5"X2"*) is measured by each (EA) permanent raised mono-directional or bi-directional retroreflective pavement marker of each color, type, and size in-place, complete and accepted Traffic control utilized during the performance of raised pavement marker work is not measured under items covered by this section, but is included in the Traffic Control line item. Payment for the accepted quantity for Permanent (*Clear, Yellow, or Red/Clear*) Pavement Markers (*Mono-Directional or Bi-Directional*) – (*4"X4" or 5"X2"*) is determined using the contract unit bid price for the applicable item. Payment is full compensation for installing raised pavement markers as specified or directed and includes preparing pavement surface; providing and applying proper adhesive; removing existing markers where required; removing and replacing unaccepted markers; and all other materials, labor, equipment, tools, supplies, and incidentals to fulfill the requirements of the pay item in accordance with the Plans, the Specifications, and other terms of the Contract.

Item No. 7141112, C7141112 –15" R.C. PIPE CUL- CLASS III

Item No. 7141113, C7141112 –18" R.C. PIPE CUL- CLASS III

Item No. 7141114 –24" R.C. PIPE CUL - CLASS III

Item No. 7141118 –48" R.C. PIPE CUL- CLASS III

- .01 DESCRIPTION:** This work shall consist of placing 15", 18", 24" or 30" Reinforced Concrete Pipe on a firm bed to the specified line and grade as shown on the construction plans or directed by the Engineer.
- .02 MATERIALS:** Backfill shall comply with all applicable specifications of the most current SCDOT Standard Specifications for the Highway Construction Section 719.4.8 unless otherwise

instructed by the Engineer. Concrete Mix shall comply with all applicable specifications of the most current SCDOT Standard Specifications for Highway Construction Section 700 unless otherwise instructed by the Engineer. RC Pipe shall meet all SCDOT requirements.

.03 EQUIPMENT: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 700 in its entirety.

.04 CONSTRUCTION:

- A. Excavation: When a pipe is to be laid on existing ground on or under fill, embankment shall be constructed to a height of at least 9in but not more than 3 feet above the proposed top of the pipe. The width of the trench shall be sufficient to permit thorough compaction of the backfill under the haunches and around the pipe. This width shall be twice the outside diameter of the pipe or the outside diameter plus 18 in. on each side, whichever is less.
- B. Bedding: When rock is encountered, it shall be removed and replaced with a minimum of 8 in. of selected backfill as directed by the Engineer. When unsuitable foundation material is encountered, it shall be removed and replaced with selected backfill for the full width of the trench as directed by the Engineer.
- C. Installation: Pipes shall be laid with hubs upgrade. A single lay hole through the shell of the pipe will be permitted with an approved lifting device. The lay hole shall be cast in the pipe during fabrication or cored without damaging any reinforcement. After installation, the lay hole shall be permanently sealed by filling with mortar, rubber plug, to other means approved by the Engineer. Wood plugs are prohibited.
- D. Joints: Joints shall be sealed with rubber type gaskets (circular pipe) or resilient type material (elliptical pipe) conforming to SCDOT Specification, Mortar joints are prohibited.
- E. Pipe Encasement: When specified in the Contract Documents or when directed by the Engineer, pipes shall be encased using Concrete as directed by the Engineer.
- F. Backfill: Earth for backfill shall be free from large lumps, clods, and rocks and shall be placed along the side of the pipe for the full width of the trench in layers not exceeding 6 in. uncompacted depth. Compaction shall conform to SCDOT standards. Each layer shall be compacted simultaneously on both sides of the pipe by means of an approved mechanical tamper. Special care shall be taken to compact the backfill thoroughly under the haunches of the pipe. This method of filling and compaction shall continue until the backfill is completed to a minimum height of 9 in. above the top of the pipe. The contractor shall protect all from damage due to construction equipment or other vehicular traffic passing over the pipe. Backfill may be placed immediately after laying the pipe, provided that all joints have been sealed as specified.
- G. Removal of Existing Pipe Culverts: When specified by the Engineer, existing pipe culverts shall be removed and become property of the contractor. Backfilling of the trenches resulting from pipe removal shall comply with SCDOT Specifications.
- H. Abandoned Pipes: When specified by the Engineer, abandoned pipes shall be plugged using flowable fill or other SCDOT approved concrete mixes as directed by the Engineer.

.05 MEASUREMENT AND PAYMENT: 15", 18", 24" or 30" Reinforced Concrete Pipe will be measured and paid at the Contract Unit Price Bid of Lineal Foot. Payment will be full compensation for all applicable excavation, sheeting, shoring, dewatering, hauling, invert paving, storing, rehandling of material, removal and disposal of excess and unsuitable material, tamped fill, forming pipe bed or foundation, backfill compaction, and for all material, labor, equipment, and survey, tools, and incidentals necessary to complete the work. New pipe culverts will be measured complete in place and paid for at the contract unit price per lineal foot. When a new pipe is to be installed, the cost of removal and disposal of the existing pipe, including end walls and end sections, will not be measured but the cost will be incidental to the contract price of the new pipe.

- .06 CONSTRUCTION INSPECTION:** Visually inspect 100% of pipe for fractures, cracks, spalling, chips, and breaks during all phases of the installation process. Inspect joints, including tongues and grooves. Chipped pipe ends that prevent the full bond between joint sealant/gasket and both pipes may only be installed in drainage structures at the ends of the pipe runs where they will be grouted over. Inspect joints for missing, damaged, or improperly installed joint sealant or gasket. Verify line and grade in accordance with the frequencies detailed in the Construction Manual.

When improper installation or damage is noted during the construction inspection of the pipe, repairs must be made to the satisfaction of the Engineer. Additional inspections may be performed in accordance with these specifications.

Item No. 7191205 –CATCH BASIN- TYPE 9

Item No. 7191208 –CATCH BASIN- TYPE 9 W/STANDARD 3' X 6' BOX

Item No. 7196000 –EXTRA DEPTH OF BOX

Item No. 7192105 –MANHOLE

- .01 DESCRIPTION:** This section contains specifications for the materials, equipment, construction, measurement, and payment for the construction or adjustment to grade of catch basins, drop inlets, manholes, junction boxes, and spring boxes at the location shown on the Plans or as directed by the RCE, in accordance with these specifications, and in conformity with the lines and grades shown on the Plans or established by the RCE.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 719.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 719.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 719.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** When the depth of a catch basin, drop inlet, manhole, junction box, or spring box is greater than 6 feet, the quantity for the pay item Extra Depth of Box is the depth of excavation for the drainage structure in excess of 6 feet and is measured by the linear foot (LF), complete, and accepted. The depth of the drainage structure is measured from the top of manhole cover, concrete masonry, hood, or grate and, in the case of drop inlets, from the top of the bottom slab. The quantity for precast drainage structure components is measured by the linear foot (LF) or each (EA) unit in place, complete and accepted and includes all frames, covers, gratings, and fittings necessary to complete the unit. Extra Depth of Box is not measured for precast drainage structures. The lay length of a precast transition section is not included in the measurement for the precast concrete drainage structure to which it is connected. The excavation required for the installation of drainage structures includes the removal of all obstructions and the removal and replacement of unstable materials as necessary for a proper foundation, but such excavation is not measured nor paid for as a separate item. The cost of excavation is included in the contract unit bid price for the associated drainage structure. Payment for the accepted quantity for a new or adjusted drainage structures, measured in accordance with **Subsection 719.5**, is determined using the contract unit bid price for such items as Catch Basin. Payment is full compensation for constructing drainage structures as specified or directed and includes furnishing and placing precast and cast-in place drainage structure; furnishing and placing reinforcing steel, bricks, blocks, and mortar for masonry structures; providing inlet and outlet

openings and joint sealant; excavating (6 foot maximum depth); providing and placing bedding material and backfilling; disposing of surplus material; and all other materials, labor, equipment, tools, supplies, transportation, and incidentals necessary to fulfill the requirements of the pay item in accordance with the Plans, the Specifications, and other terms of the Contract. Payment for the accepted quantity of Extra Depth of Box, measured in accordance with **Subsection 719.5**, is determined using the contract unit bid price for the pay item. Payment is full compensation for excavating for drainage structures beyond the 6 feet included in the structure pay item as specified or directed and includes backfilling and all other materials, labor, equipment, tools, supplies, transportation, and incidentals necessary to fulfill the requirements of the pay item in accordance with the Plans, the Specifications, and other terms of the Contract. Extra Depth of Box is not applicable to precast drainage structures.

Item No. 720.1 – CONCRETE KEY

- .01 DESCRIPTION:** This work shall consist of all labor, supervision, material, equipment and services necessary and incidental for installing a concrete key.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 720.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 720.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 720.4 in its entirety and the following:
 - A. The dimensions shall be a minimum of one foot in depth and one foot in width unless otherwise approved by the Engineer. Length will be determined by the plans or as directed by the Engineer.
 - B. A temporary plate shall be used to allow traffic to cross during the curing time for the concrete.
- .05 MEASUREMENT AND PAYMENT:** Concrete Key will be measured and paid for at the Contract unit price bid per lineal foot. The payment will be full compensation for all material, labor, equipment, tools, and incidentals necessary to complete the work.

Item No. 8041010 –RIP RAP (CLASS A)

Item No. 8048205 –GEOTEXTILE FOR EROSION CONTROL UNDER RIP RAP (CLASS 2) TYPE B

- .01 DESCRIPTION:** This work shall consist of installing Rip Rap and Geotextile fabric for erosion control at the pipe outlet protection as depicted on the construction plans or as directed by the Engineer. Contractor must ensure that all drainage is properly tied into the new Rip Rap as shown on the construction plans or as directed by the Engineer. The contractor must comply with all state and local regulations.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 800 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 800 in its entirety.

.04 CONSTRUCTION: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 800 in its entirety.

.05 MEASUREMENT AND PAYMENT: Rip Rap will be paid for at the Contract Unit Price Bid per Ton. The payment will be full compensation for all construction materials, disposal of construction debris, labor, equipment, tools, sediment tubes, materials needed for inlet protection and incidentals necessary to complete the work to the specifications of the Engineer.

Geotextile for Erosion Control under Rip Rap (Class 2) Type 2 will be paid for at the Contract unit price bid per square yard. The payment will be full compensation for all construction materials disposal of construction debris, labor, equipment, tools, sediment tubes, materials needed for inlet protection and incidentals necessary to complete the work to the specifications of the Engineer.

Item No 8080000–MOVING ITEMS

.01 DESCRIPTION: This work shall consist of all labor, supervision, material, equipment and the services necessary and incidental for movement of items within the easement limits of the project that are required to be moved in order that the project can be constructed as per plan. Potential moving items have been listed on sheet 31 of the plans, this is only a partial list. The contractor is to determine the full extent of the moving items and price accordingly. It is the contractor's responsibility to ensure all items are moved in accordance with the contract specification and/or the direction of the Engineer.

.02 MATERIALS: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 808.2 in its entirety.

.03 EQUIPMENT: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810.3 in its entirety.

.04 CONSTRUCTION: Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810.4 in its entirety.

.05 MEASUREMENT AND PAYMENT: Moving Items will not be measured for payment but will be paid for at the Contract Unit Price Bid per Lump Sum. The payment will be full compensation for all materials, labor, equipment, tools, supplies and transportation, and incidentals necessary to fulfill the requirements of the pay item in accordance with the Plans, the Specifications, and other terms of the Contract.

Item No. 8100001 –PERMANENT VEGETATION

Item No. 8103100 –TEMPORARY VEGETATION

.01 DESCRIPTION: This work shall consist of all labor, supervision, material, equipment and services necessary and incidental for permanent and temporary vegetation. This item shall be used in shall be used in locations and to the limits as marked on the construction plans or as directed by the Engineer.

.02 MATERIALS: Use seed and fertilizer mixture as specified under seeding schedule on sheet 25 of the construction plans or as directed by the Engineer. Also refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810.2 in its entirety.

- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Permanent Vegetation will be measured and paid for at the Contract unit price per MSY (thousand square yards). The payment will be full compensation for all material, labor, equipment, tools, grading, composting, watering, testing, and incidentals necessary to complete the work. Seeding done outside the designated area will not be paid for. All maintenance of newly seeded areas will be responsibility of the contractor until final acceptance by the Owner. There will be no separate payment for mowing, fertilizing or any other maintenance required.

Temporary Vegetation will be measured and paid for at the Contract unit price per MSY. The payment will be full compensation for all material, labor, equipment, tools, grading, composting, testing, watering, and incidentals necessary to complete the work. Seeding done outside the designated area will not be paid for. All maintenance of newly seeded areas will be the responsibility of the Contractor until final acceptance by Owner. There will be no separate payment for mowing, fertilizing or any other maintenance required.

Item No 8101100 – ORGANIC TOPSOIL

- .01 DESCRIPTION:** This work shall consist of all labor, supervision, material, equipment and the services necessary and incidental for placement of 2 inches of Organic Topsoil as detailed on sheet 3 of the construction plans.
- .02 MATERIALS:** Organic Topsoil must meet all requirements set forth in SCDOT's soil classifications. Also refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 810.4.6 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Payment for Organic Topsoil will be paid in SY and is full compensation for furnishing and placing organic topsoil as specified or directed and includes all other materials, labor, equipment, tools, supplies and transportation, and incidentals necessary to fulfill the requirements of the pay item in accordance with the Plans, the Specifications, and other terms of the Contract.

Item No C8151110 – EROSION CONTROL MATTING

- .01 DESCRIPTION:** This section contains specifications for the materials, equipment, construction, measurement, and payment for the placement of temporary erosion control measures to prevent erosion and water pollution through the use of best management practices including the use of berms, silt basins, silt ditches, sediment dams, fiber roving, rolled erosion control products, silt fences, floating turbidity barriers, brush barriers, sediment tubes, inlet filters, bonded fiber matrix, flexible growth matrix, temporary flexible pipe slope drains, temporary seeding, and stabilized

construction entrances in conformity with the Plans the Specifications, *SCDOT Standard Drawings*.

- .02 MATERIALS:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.2 or as directed by the Engineer.
- .03 EQUIPMENT:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.3 in its entirety.
- .04 CONSTRUCTION:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Erosion Control Matting will be measured and paid for at the Contract unit price per MSY. The payment will be full compensation for all material, labor, equipment, tools, grading, materials, compacting, testing, maintenance and incidentals necessary to complete the work.

Item No 8153000 – SILT FENCE

Item No 8152006 – INLET STRUCTURE FILTER-TYPE F (NON WEIGHTED)

- .01 DESCRIPTION:** Installation and maintenance of Silt Fence and inlet filters as specified in the construction plans or as directed by the Engineer. Also refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 815.1 or as directed by the Engineer.
- .02 MATERIALS:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.2 or as directed by the Engineer.
- .03 EQUIPMENT:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.3 in its entirety.
- .04 CONSTRUCTION:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Silt Fence will be measured and paid for at the Contract unit price per lineal foot. Inlet Structure Filter will be measured and paid for at the Contract unit price per EA. The payment will be full compensation for all material, labor, equipment, tools, grading, materials, compacting, testing, maintenance and incidentals necessary to complete the work.

Item No 8156100 – ROCK CHECK DAM

- .01 DESCRIPTION:** Installation and maintenance of Rock Check Dam as specified in the construction plans.
- .02 MATERIALS:** As detailed in the construction plans, the Rock Check Dam will consist of a layer fabric, Rip Rap Class A, and #5 aggregate to filter finer sediment..
- .03 EQUIPMENT:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.3 in its entirety.
- .04 CONSTRUCTION:** Refer to all applicable aspects of the SCDOT 2007 Standard Specifications for Highway Construction Section 815.4 in its entirety and the construction plans.

- .05 MEASUREMENT AND PAYMENT:** Rock Check Dams will be measured and paid for at the Contract unit price per Ton. Measurement will consist of the in place tonnage of Rip Rap (Class A) with the geotextile fabric and #5 aggregate considered incidental to that tonnage. The payment will be full compensation for all material, labor, equipment, tools, grading, materials, compacting, testing, maintenance and incidentals necessary to complete the work.

Item No C8156490 –STABILIZED CONSTRUCTION ENTRANCE

- .01 DESCRIPTION:** This work shall consist of installing a new Stabilized Construction Entrance as directed by the Engineer or as shown on the plans. All notes to the tracking of mud and damage outside of the construction area shown on the construction plans will be enforced. Gravel construction exits must conform to all applicable SCDOT specifications and details as shown on the plans. The Contractor must remove mud and/or debris from the road and gravel construction exits daily or as requested by the Engineer.
- .02 MATERIALS:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 815.2 in its entirety.
- .03 EQUIPMENT:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 815.3 in its entirety.
- .04 CONSTRUCTION:** Refer to the SCDOT 2007 Standard Specifications for Highway Construction Section 815.4 in its entirety.
- .05 MEASUREMENT AND PAYMENT:** Payment for Stabilized Construction Entrance is full compensation for constructing stabilized construction entrances as specified or directed and includes furnishing, installing, inspecting, maintaining, reshaping, removing, and disposing of the stabilized construction entrance (and exit); providing wash-down facilities, drainage, and geotextile under the aggregate; sweeping adjacent roadway as necessary or directed; and all other materials, labor, equipment, tools, supplies, transportation, and incidentals necessary to fulfill the requirements of the pay item in accordance with the Plans, the Specifications, and other terms of the Contract.

Item No. 815 –EROSION CONTROL MAINTENANCE

- .01 DESCRIPTION:** The work shall consist of the installation, replacement and/or repair of any and all erosion control best management practices that the contractor deems necessary to prevent any and all sedimentation from leaving the site throughout the duration of the project. This project will be subject to the inspection requirements of the Lexington County NPDES permit.
- .02 MATERIALS:** None specified.
- .03 EQUIPMENT:** None specified.
- .04 CONSTRUCTION:** Properly maintain all erosion control items.
- .05 MEASUREMENT AND PAYMENT:** Erosion Control Maintenance will not be measured for payment, but will be paid as a lump sum distributed evenly throughout the project. The percentage of this item paid will be determined by the percent completion of the project. Failure to maintain BMPs or comply with the NPDES permit may result in reduced payment.

SECTION 01700 - CONTRACT CLOSEOUT

AFFIDAVIT OF PAYMENT

To All Whom It May Concern:

WHEREAS, the undersigned has been employed by *The County of Lexington* to furnish labor and materials for surface treatment of D.E. Clark Road and associated work, under a contract described as B15012-09/24/14S for the improvement of property described as D.E. Clark Road Improvements located in the County of Lexington, State of *South Carolina* of which the government of *Lexington, South Carolina*, located at 212 S. Lake Dr Lexington, *South Carolina, 29072* is the Owner,

NOW, THEREFORE, this _____ ***day of*** _____ ***2014***

The undersigned, as the Contractor for the above named Contract pursuant to the Conditions of the Contract hereby certified that, except as listed below, has paid in full or has otherwise satisfied all obligations for all materials and equipment furnished, for all work, labor, and services performed, and for all known indebtedness and claims against the Contractor for damages arising in any manner in connection with the performance of the Contract referenced above for which the Owner or its property might in any way be held responsible.

EXCEPTIONS:(If none, write "None". The Contractor shall furnish a bond satisfactory to the Owner for each exception.)

ATTACHMENTS:

1. Consent of Surety to Final Payment. (Whenever Surety is involved, Consent of Surety is required.)
2. Contractor's Release or Waiver of Liens, conditional upon receipt of final payment.
3. Separate Releases or Waivers of Liens from Subcontractors and material and equipment suppliers.
4. Contractors Affidavit of Release of Liens.

(SEAL)

partnership)

CONTRACTOR (Name of sole ownership, corporation or

(Printed name of Agent / authorized representative)

(Signature of Agent / authorized representative)

(SEAL)

(Affix corporate
seal here)

TITLE _____

AFFIDAVIT OF RELEASE OF LIEN

To All Whom It May Concern:

WHEREAS, the undersigned has been employed by *The County of Lexington* to furnish labor and materials for **surface treatment of D. E. Clark Road** and associated work, under a contract described as **B15012-09/24/14S** for the improvement of property described as **D. E. Clark Road Improvements** located in the County of Lexington, State of *South Carolina* of which the government of *Lexington, South Carolina*, located at 212 S. Lake Dr Lexington, *South Carolina, 29072* is the Owner,

NOW, THEREFORE, this _____ ***day of*** _____ ***2014***

The undersigned, as the Contractor for the above-named Contract pursuant to the Conditions of the Contract hereby certifies that to the best of his/her knowledge, information and belief, except as listed below, the Releases or Waivers of Lien attached hereto include the Contractor, all Subcontractors, all suppliers of materials and equipment, and all performers of Work, labor or services, who have or may have liens against any property of the Owner arising in any manner out of the performance of the Contract referenced above.

EXCEPTIONS: (If none, write "None". The Contractor shall furnish a bond satisfactory to the Owner for each exception.)

ATTACHMENTS:

1. Contractor's Release or Waiver of Liens, conditional upon receipt of final payment.
2. Separate Releases or Waivers of Liens from Subcontractors and material and equipment suppliers.

(SEAL)

partnership)

CONTRACTOR (Name of sole ownership, corporation or

(Printed name of Agent / authorized representative)

(Signature of Agent / authorized representative)

(SEAL) (Affix corporate seal here)

TITLE _____

FINAL WAIVER OF LIEN

To All Whom It May Concern:

WHEREAS, the undersigned has been employed by *The County of Lexington* to furnish labor and materials for **surface treatment of D. E. Clark Road** and associated work, under a contract described as **B15012-09/24/14S** for the improvement of property described as **D. E. Clark Road Improvements** located in the County of Lexington, State of *South Carolina* of which the government of *Lexington, South Carolina*, located at 212 S. Lake Dr. Lexington, *South Carolina, 29072* is the Owner,

NOW, THEREFORE, this _____ ***day of*** _____ ***2014***

for and in consideration of the sum of (\$) _____ Dollars paid simultaneously herewith, the receipt whereof is hereby acknowledged by the undersigned, the undersigned does hereby waive and release any lien rights to, or claim of lien with respect to and on said above-described premises, and the improvements thereon, and on the monies or other considerations due to become due from the owner, on account of labor, services, material, fixtures, apparatus of machinery heretofore or which may hereafter be furnished by the undersigned to or for the above-described premises by virtue of said contract.

(SEAL)

partnership)

CONTRACTOR (Name of sole ownership, corporation or

(Printed name of Agent / authorized representative)

(Signature of Agent / authorized representative)

(SEAL)

(Affix corporate
seal here)

TITLE _____

INSTRUCTIONS FOR FINAL WAIVER

- a) Fill in nature and extent of work; strike the word labor or the word materials if not in your contract.
- b) Amount shown should be the amount actually received and equal to total amount of contract as adjusted.
- c) If waiver is for a corporation, corporate name should be used, corporate seal affixed and title of officer signing waiver should be set forth; if waiver is for a partnership, the partnership name should be used, partner should sign and designate himself as partner.

CONTRACTOR WARRANTY FORM

PROJECT: **D. E. Clark Road Improvements**

LOCATION: Lexington, South Carolina

OWNER: County of Lexington

Contractor (Company Name) _____ for the above-referenced project, do hereby warrant all labor and materials furnished and work performed are in accordance with the Contract Documents and authorized modifications thereto, and will be free from defects due to defective materials or workmanship for a period of two (2) years from Date of Completion. This warranty commences on _____ and expires on _____.

This warranty covers that portion of the project described below:

Should any defect develop during the warranty period due to improper materials, workmanship or arrangement, the defect shall, upon written notice by the Owner, be made good by the Undersigned at no expense to the Owner.

Nothing in the above shall be deemed to apply to work, which has been abused or neglected by the Owner.

DATE _____

(SEAL) _____
CONTRACTOR (Name of sole ownership, corporation or partnership)

(Printed name of Agent / authorized representative)

(Signature of Agent / authorized representative)

(SEAL) _____
(Affix corporate seal here) TITLE _____

CONSENT OF SURETY For Final Payment

Project Name: **D. E. Clark Road Improvements**

Location: Lexington County

Project No. B15012-09/24/14S

Type of Contract _____

Amount of Contract _____

In accordance with the provisions of the above-named contact between the Owner and the Contractor, the following named surety:

On the Payment Bond of the following named Contractor:

hereby approves of final payment to the Contractor, and further agrees that said final payment to the Contractor shall not relieve the Surety Company named herein of any of its obligations to the following named Owner: as set forth in said Surety company's bond:

IN WITNESS WHEREOF, the Surety Company has hereunto set its hand and seal this ____ day of _____

(SEAL)

NAME of SURETY COMPANY

(Printed name of Agent / authorized representative)

(Signature of Agent / authorized representative)

(SEAL) (Affix corporate seal here) TITLE _____

IF SIGNED BY ATTORNEY-IN-FACT, POWER OF ATTORNEY IS REQUIRED